



















# PRODUCT CATALOGUE

**bioveta**



VETERINARY MEDICAMENTS PRODUCER

# PRODUCT CATALOGUE

-  CANINE VACCINES
-  CATTLE VACCINES
-  EQUINE VACCINES
-  FELINE VACCINES
-  POULTRY VACCINES
-  RABBIT VACCINES
-  SWINE VACCINES
-  HORMONES
-  ANTIMICROBIALS
-  ANTIPARASITICS
-  ANTIANAEMICS
-  ANAESTHETICS
-  INTRAMAMMARY
-  VITAMINS, MINERALS
-  JOINT NUTRITION
-  DERMATOLOGICS
-  ANTISERA
-  ENVIRONMENTAL DISINFECTANTS  
AND INSECTICIDES



**WE** *respect* **ANIMALS**

VETERINARY MEDICAMENTS PRODUCER

## LIST OF PRODUCT BY THERAPEUTIC GROUPS

### 1. Canine vaccines

Biocan B	12
Biocan C	13
Biocan DH + L	14
Biocan DHPPi	15
Biocan DHPPi + L	16
Biocan DHPPi + LR	17
Biocan DP	18
Biocan L	19
Biocan LR	20
Biocan M	21
Biocan M Plus	22
Biocan P	23
Biocan Puppy	24
Biocan R	25
Biocan T	26
Borrelym 3	27
Biocan NOVEL DHPPi	28
Biocan NOVEL DHPPi/L4	29
Biocan NOVEL DHPPi/L4R	30
Biocan NOVEL Pi/L4	31
Biocan NOVEL R	32

### 2. Cattle vaccines

BioBos IBR marker in	34
BioBos IBR marker live	35
BioBos L	36
BioBos L(6)	37
BioBos Respi 2 intranasal	38
BioBos Respi 3	39
BioBos Respi 4	40
KOLIBIN RC Neo	41
MORAXEBIN Neo	42
TRICHOBEN	43
TRICHOBEN AV	44

### 3. Equine vaccines

BioEquin F	46
BioEquin FH	47
BioEquin FT	48
BioEquin H	49
CLOTEID 4	50
FLUEQUIN	51
FLUEQUIN T	52
TRICHOEQUEN	53

### 4. Feline vaccines

BIOFEL M Plus	56
BIOFEL PCH	57
BIOFEL PCHR	58

### 5. Poultry vaccines

ORNIBRON H120 Clone	60
ORNIBRON H120+D274	61
ORNIBUR Intermediate	62
ORNIBUR Intermediate Plus	63
ORNIMIX CLONE B1-Hitchner + H120	64
ORNIPEST CLONE	65
ORNIPRIM CLONE B1	66
SALGEN	67
ORNIDUCK	68
ORNIVAC EDS	69
ORNIVAC ND	70
ORNIVAC ND+GO	71
ORNIVAC ND+GO+IB+EDS	72
ORNIVAC ND+IB2+EDS	73
PMV-Salmovac	74

### 6. Rabbit vaccines

MYXOREN	76
PASORIN-OL	77
PESTORIN	78
PESTORIN MORMYX	79
TRICHOPELEN	80

### 7. Swine vaccines

BIOSUIS APP 2,9,11	82
BIOSUIS M.hyo	83
BIOSUIS PARVO L (6)	84
BIOSUIS PRRS inact Eu+Am	85
BIOSUIS Respi E	86
ERYPESTEN	87
ERYSEN	88
ERYSIN SINGLE SHOT	89
KOLIERYSIN Neo	90
KOLISIN Neo	91
PARVOERYSIN	92
PARVOSIN-OL	93
PESTISEN-C	94
POLYPLEUROSIN APX PLUS IM	95
RHINISIN DNT	96
ROKOVAC NEO	97
BIOSUIS PRRS live	98

### 8. Hormones

LECIRELIN Bioveta 0.025 mg/ml	100
OESTROPHAN 0.25 mg/ml	101
OXYTOCIN BIO 5 IU/ml	102
REMOPHAN 75 µg/ml	103
SERGON 500 IU/ml	104
SERGON PG 400/200 IU	105

## LIST OF PRODUCT BY THERAPEUTIC GROUPS

<b>9. Antimicrobials</b>		<b>14. Vitamins, minerals</b>	
AMOXICILLIN Bioveta 150 mg/ml LA	108	ADE - vit.	158
BIOVETA AMOXICILIN 100 mg/g	109	ENERGY BOOSTER BIOVETA	159
BIOVETA COLISTIN 1 200 000 IU/g	110	FRESH HORSE	160
COTRIMAZIN BIOVETA	111	MULTIVIT – MINERAL	161
GAMMAVIT BIO	112	PLASTIN	162
IVATYL TAR 180.000 IU/ml	113	VITA E SELEN	163
STREPTONAMID	114	VITAPLASTIN FORTE	164
		VITAPLASTIN tbl.	165
<b>10. Antiparazitics</b>		<b>15. Joint nutrition</b>	
Antiparasitic CANISSHAMPOO	116	HYALCHONDRO DC Plus	168
BIO KILL 2.5 mg/ml	117	HYALCHONDRO EC Plus	169
BIOMEK 10 mg/ml	118	HYALURONAN BIOVETA 10 mg/ml	170
BLUE repellent	119		
CANIVERM forte	120	<b>16. Dermatologics</b>	
CANIVERM mite	121	ALAPTID	172
CANIVERM oral paste	122	BIODEXIN ear lotion	173
EQUIMOXIN 18.92 mg/g	123	BIODEXIN shampoo	174
EQUISTRONG 400 mg/g	124	BIOPIROX 10 mg/ml	175
EQUIVERM Oral Paste	125	OTIBIOVIN ear drops	176
ESB <sub>3</sub> Bio 300 mg/g	126	OTIMIX ear drops	177
FIPRON 50 mg spot-on cats	127	OTIPUR ear drops	178
FIPRON 67 mg spot-on S	128	OTOFINE	179
FIPRON 134 mg spot-on M	129	PIX FAGI	180
FIPRON 268 mg spot-on L	130		
FIPRON 402 mg spot-on XL	131	<b>17. Antisera</b>	
FIPRON 2.5 mg/ml spray	132	CLOTEAN	182
GREEN repellent	133	IMULYZIN	183
SULFADIMIDIN BIOVETA 20 g	134	POLYEQUAN	184
TOP SPOT ON STRONGER 16.25 g	135	POLYGLOB	185
TOP SPOT ON STRONGER 650 mg	136		
TOP SPOT ON DOG S	137	<b>19. Environmental disinfectants and insecticides</b>	
TOP SPOT ON DOG M	138	BIO KILL insekticidum	188
TOP SPOT ON DOG L	139	IVASAN pets	189
		IVASAN farm	190
		IVASAN spray	191
<b>11. Antianaemics</b>		<b>20. Others</b>	
FERRIBION 100 mg/ml	142	AQUA VIVA	194
GAFERVIT	143	COFFEINUM BIOVETA 125 mg/ml	195
GAFERVIT mite	144	JODOUTER 100 mg/ml	196
		LOTAGEN 360 mg/ml	197
		LOTAGEN injector	198
		PENBITAL 400 mg/ml	199
		PROFYMAST emulsió	200
<b>12. Anaesthetics</b>			
NALGOSED 10 mg/ml	146	<b>Useful contact</b>	201
NARKAMON 100 mg/ml	147	<b>Notes</b>	202
NARKAMON 50 mg/ml	148		
ROMETAR 20 mg/ml	149		
XYLASED 100	150		
XYLASED 500	151		
<b>13. Intramammary</b>			
GAMARET	154		
INTRAMAR LC	155		
LINEOMAM LC	156		

## LIST OF PRODUCTS BY TARGET SPECIES



### DOG

ADE - vit.	158	OXYTOCIN BIO 5 IU/ml	102
ALAPTID	172	PENBITAL 400 mg/ml	199
AMOXICILLIN Bioveta 150 mg/ml LA	108	PIX FAGI	180
Antiparasitic CANISSHAMPOO	116	PLASTIN	162
BIO KILL 2.5 mg/ml	117	POLYGLOB	185
Biocan B	12	ROMETAR 20 mg/ml	149
Biocan C	13	SERGON 500 IU/ml	104
Biocan DH + L	14	STREPTONAMID	114
Biocan DHPPi	15	TOP SPOT ON DOG L	139
Biocan DHPPi + L	16	TOP SPOT ON DOG M	138
Biocan DHPPi + LR	17	TOP SPOT ON DOG S	137
Biocan DP	18	TOP SPOT ON STRONGER 650 mg	136
Biocan L	19	VITAPLASTIN FORTE	164
Biocan LR	20	VITAPLASTIN tbl.	165
Biocan M	21		
Biocan M Plus	22		
Biocan NOVEL DHPPi	28		
Biocan NOVEL DHPPi/L4	29		
Biocan NOVEL DHPPi/L4R	30		
Biocan NOVEL Pi/L4	31		
Biocan NOVEL R	32		
Biocan P	23		
Biocan Puppy	24		
Biocan R	25		
Biocan T	26		
BIODEXIN ear lotion	173		
BIODEXIN shampoo	174		
BIOPIROX 10 mg/ml	175		
Borrelym 3	27		
CANIVERM forte	120		
CANIVERM mite	121		
CANIVERM oral paste	122		
CLOTEAN	182		
CLOTEID 4	50		
COFFEINUM BIOVETA 125 mg/ml	195		
FERRIBION 100 mg/ml	142		
FIPRON 134 mg spot-on M	129		
FIPRON 2.5 mg/ml spray	132		
FIPRON 268 mg spot-on L	130		
FIPRON 402 mg spot-on XL	131		
FIPRON 67 mg spot-on S	128		
HYALCHONDRO DC Plus	168		
HYALURONAN BIOVETA 10 mg/ml	170		
LOTAGEN 360 mg/ml	197		
MULTIVIT – MINERAL	161		
NARKAMON 100 mg/ml	147		
NARKAMON 50 mg/ml	148		
OTIBIOVIN ear drops	176		
OTIMIX ear drops	177		
OTIPUR ear drops	178		
OTOFINE	179		



### CAT

ALAPTID	172
Biocan M	21
Biocan R	25
BIODEXIN shampoo	174
BIOFEL M Plus	56
BIOFEL PCH	57
BIOFEL PCHR	58
BIOPIROX 10 mg/ml	175
CANIVERM forte	120
CANIVERM mite	121
CANIVERM oral paste	122
CLOTEAN	182
COFFEINUM BIOVETA 125 mg/ml	195
FIPRON 2.5 mg/ml spray	132
FIPRON 50 mg spot-on cats	127
HYALURONAN BIOVETA 10 mg/ml	170
LOTAGEN 360 mg/ml	197
MULTIVIT – MINERAL	161
NARKAMON 100 mg/ml	147
NARKAMON 50 mg/ml	148
OTIBIOVIN ear drops	176
OTIPUR ear drops	178
OTOFINE	179
PENBITAL 400 mg/ml	199
ROMETAR 20 mg/ml	149
VITAPLASTIN tbl.	165

## LIST OF PRODUCTS BY TARGET SPECIES



### HORSE

ADE - vit.	158
ALAPTID	172
BioEquin F	46
BioEquin FH	47
BioEquin FT	48
BioEquin H	49
BIOPIROX 10 mg/ml	175
BLUE repellent	119
CLOTEAN	182
CLOTEID 4	50
COFFEINUM BIOVETA 125 mg/ml	195
COTRIMAZIN BIOVETA	111
ENERGY BOOSTER BIOVETA	159
EQUIMOXIN 18.92 mg/g	123
EQUISTRONG 400 mg/g	124
EQUIVERM Oral Paste	125
FERRIBION 100 mg/ml	142
FLUEQUIN	51
FLUEQUIN T	52
FRESH HORSE	160
GREEN repellent	133
HYALCHONDRO EC Plus	169
HYALURONAN BIOVETA 10 mg/ml	170
MULTIVIT – MINERAL	161
NARKAMON 100 mg/ml	147
NARKAMON 50 mg/ml	148
OESTROPHAN 0.25 mg/ml	101
OXYTOCIN BIO 5 IU/ml	102
PENBITAL 400 mg/ml	199
PIX FAGI	180
POLYEQUAN	184
ROMETAR 20 mg/ml	149
STREPTONAMID	114
TOP SPOT ON STRONGER 16.25 g	135
TRICHOEQUEN	53
VITAPLASTIN FORTE	164
XYLASED 100	150
XYLASED 500	151



### RABBIT

ADE - vit.	158
ALAPTID	172
BIOPIROX 10 mg/ml	175
CLOTEAN	182
ESB3 Bio 300 mg/g	126
LECIRELIN Bioveta 0.025 mg/ml	100
MULTIVIT – MINERAL	161
MYXOREN	76
PASORIN-OL	77
PENBITAL 400 mg/ml	199

PESTORIN	78
PESTORIN MORMYX	79
PIX FAGI	180
SERGON 500 IU/ml	104
SULFADIMIDIN BIOVETA 20 g	134
TRICHOPELEN	80
VITAPLASTIN FORTE	164



### EXOTIC BIRDS

ALAPTID	172
BIO KILL 2.5 mg/ml	117
BIOPIROX 10 mg/ml	175
MULTIVIT – MINERAL	161
PIX FAGI	180
VITAPLASTIN FORTE	164



### REPTILE

ALAPTID	172
BIOPIROX 10 mg/ml	175
MULTIVIT – MINERAL	161



### CATTLE

ADE - vit.	158
ALAPTID	172
AMOXICILLIN Bioveta 150 mg/ml LA	108
AQUA VIVA	194
BioBos IBR marker in	34
BioBos IBR marker live	35
BioBos L	36
BioBos L(6)	37
BioBos Respi 2 intranasal	38
BioBos Respi 3	39
BioBos Respi 4	40
Biocan R	25
BIOMEK 10 mg/ml	118
BIOVETA AMOXICILIN 100 mg/g	109
BIOVETA COLISTIN 1 200 000 IU/g	110
CLOTEAN	182
CLOTEID 4	50
COFFEINUM BIOVETA 125 mg/ml	195
FERRIBION 100 mg/ml	142
GAMARET	154
GAMMAVIT BIO	112
IMULYZIN	183
INTRAMAR LC	155
IVATYL TAR 180.000 IU/ml	113
JODOUTER 100 mg/ml	196
KOLIBIN RC Neo	41
LECIRELIN Bioveta 0.025 mg/ml	100

## LIST OF PRODUCTS BY TARGET SPECIES

LINEOMAM LC	156	NARKAMON 50 mg/ml	148
LOTAGEN 360 mg/ml	197	OESTROPHAN 0.25 mg/ml	101
LOTAGEN injector	198	OXYTOCIN BIO 5 IU/ml	102
MORAXEBIN Neo	42	PARVOERY SIN	92
MULTIVIT – MINERAL	161	PARVOSIN-OL	93
NARKAMON 50 mg/ml	148	PENBITAL 400 mg/ml	199
OESTROPHAN 0.25 mg/ml	101	PESTISEN-C	94
OXYTOCIN BIO 5 IU/ml	102	PIX FAGI	180
PENBITAL 400 mg/ml	199	PLASTIN	162
PIX FAGI	180	POLYPLEUROSIN APX PLUS IM	95
PROFYMAST emulsi	200	REMOPHAN 75 µg/ml	103
REMOPHAN 75 µg/ml	103	RHINISIN DNT	96
ROMETAR 20 mg/ml	149	ROKOVAC NEO	97
SERGON 500 IU/ml	104	SERGON 500 IU/ml	104
STREPTONAMID	114	SERGON PG 400/200 IU	105
SULFADIMIDIN BIOVETA 20 g	134	SULFADIMIDIN BIOVETA 20 g	134
TRICHOBEN	43	VITA E SELEN	163
TRICHOBEN AV	44	VITAPLASTIN FORTE	164
VITA E SELEN	163		
VITAPLASTIN FORTE	164		
XYLASED 100	150		
XYLASED 500	151		



### SWINE

ADE - vit.	158	ADE - vit.	158
ALAPTID	172	ALAPTID	172
AMOXICILLIN Bioveta 150 mg/ml LA	108	Biocan R	25
Biocan R	25	CLOTEAN	182
BIOMEK 10 mg/ml	118	CLOTEID 4	50
BIOSUIS APP 2,9,11	82	COFFEINUM BIOVETA 125 mg/ml	195
BIOSUIS M.hyo	83	FERRIBION 100 mg/ml	142
BIOSUIS PARVO L (6)	84	LOTAGEN 360 mg/ml	197
BIOSUIS PRRS inact Eu+Am	85	MULTIVIT – MINERAL	161
BIOSUIS PRRS live	98	NARKAMON 50 mg/ml	148
BIOSUIS Respi E	86	OXYTOCIN BIO 5 IU/ml	102
BIOVETA AMOXICILIN 100 mg/g	109	PENBITAL 400 mg/ml	199
BIOVETA COLISTIN 1 200 000 IU/g	110	PIX FAGI	180
CLOTEAN	182	PROFYMAST emulsi	200
COFFEINUM BIOVETA 125 mg/ml	195	SERGON 500 IU/ml	104
ERYPESTEN	87		
ERYSEN	88		
ERYSIN SINGLE SHOT	89		
FERRIBION 100 mg/ml	142		
GAFERVIT	143		
GAFERVIT mite	144		
IVATYL TAR 180.000 IU/ml	113		
JODOUTER 100 mg/ml	196		
KOLIERY SIN Neo	90		
KOLISIN Neo	91		
LOTAGEN 360 mg/ml	197		
LOTAGEN injector	198		
MULTIVIT – MINERAL	161		



### GOAT



### SHEEP

ADE - vit.	158	ADE - vit.	158
ALAPTID	172	ALAPTID	172
Biocan R	25	Biocan R	25
BIOMEK 10 mg/ml	118	BIOMEK 10 mg/ml	118
CLOTEAN	182	CLOTEAN	182
CLOTEID 4	50	CLOTEID 4	50
COFFEINUM BIOVETA 125 mg/ml	195	COFFEINUM BIOVETA 125 mg/ml	195
FERRIBION 100 mg/ml	142	FERRIBION 100 mg/ml	142
LOTAGEN 360 mg/ml	197	LOTAGEN 360 mg/ml	197
MULTIVIT – MINERAL	161	MULTIVIT – MINERAL	161
NARKAMON 50 mg/ml	148	NARKAMON 50 mg/ml	148
OXYTOCIN BIO 5 IU/ml	102	OXYTOCIN BIO 5 IU/ml	102
PENBITAL 400 mg/ml	199	PENBITAL 400 mg/ml	199
PIX FAGI	180	PIX FAGI	180

## LIST OF PRODUCTS BY TARGET SPECIES

PROFYMAST emulsio	200
SERGON 500 IU/ml	104
SULFADIMIDIN BIOVETA 20 g	134
VITA E SELEN	163



### POULTRY

ALAPTID	172
BIOVETA AMOXICILIN 100 mg/g	109
BIOVETA COLISTIN 1 200 000 IU/g	110
ESB3 Bio 300 mg/g	126
MULTIVIT – MINERAL	161
ORNIBRON H120 Clone	60
ORNIBRON H120+D274	61
ORNIBUR Intermediate	62
ORNIBUR Intermediate Plus	63
ORNIDUCK	68
ORNIMIX CLONE B1-Hitchner + H120	64
ORNIPEST CLONE	65
ORNIPRIM CLONE B1	66
ORNIVAC EDS	69
ORNIVAC ND	70
ORNIVAC ND+GO	71
ORNIVAC ND+GO+IB+EDS	72
ORNIVAC ND+IB2+EDS	73
PIX FAGI	180
PLASTIN	162
PMV-Salmovac	74
SALGEN	67
SULFADIMIDIN BIOVETA 20 g	134
VITAPLASTIN FORTE	164



### FUR-BEARING ANIMAL

Biocan R	25
PENBITAL 400 mg/ml	199
PIX FAGI	180
TRICHOPELEN	80
VITAPLASTIN FORTE	164
VITAPLASTIN tbl.	165



### ENVIROMENT

BIO KILL 2.5 mg/ml	117
BIO KILL insekticidum	188
IVASAN pets	189
IVASAN farm	190
IVASAN spray	191



dog



cat



horse



rabbit



exotic birds



reptile



cattle



swine



goat



sheep



poultry



fur-bearing animal
















environment



## ALPHABETICAL LIST OF PRODUCTS

ADE - vit.	158	BLUE repellent	119
ALAPTID	172	Borrelym 3	27
AMOXICILLIN Bioveta 150 mg/ml LA	108		
Antiparasitic CANISSHAMPOO	116	CANIVERM forte	120
AQUA VIVA	194	CANIVERM mite	121
		CANIVERM oral paste	122
BIO KILL 2.5 mg/ml	117	CLOTEAN	182
BIO KILL insekticidum	188	CLOTEID 4	50
BioBos IBR marker in	34	COFFEINUM BIOVETA 125 mg/ml	195
BioBos IBR marker live	35	COTRIMAZIN BIOVETA	111
BioBos L	36		
BioBos L(6)	37	ENERGY BOOSTER BIOVETA	159
BioBos Respi 2 intranasal	38	EQUIMOXIN 18.92 mg/g	123
BioBos Respi 3	39	EQUISTRONG 400 mg/g	124
BioBos Respi 4	40	EQUIVERM Oral Paste	125
Biocan B	12	ERYPESTEN	87
Biocan C	13	ERYSEN	88
Biocan DH + L	14	ERYSIN SINGLE SHOT	89
Biocan DHPPi	15	ESB3 Bio 300 mg/g	126
Biocan DHPPi + L	16		
Biocan DHPPi + LR	17	FERRIBION 100 mg/ml	142
Biocan DP	18	FIPRON 134 mg spot-on M	129
Biocan L	19	FIPRON 2.5 mg/ml spray	132
Biocan LR	20	FIPRON 268 mg spot-on L	130
Biocan M	21	FIPRON 402 mg spot-on XL	131
Biocan M Plus	22	FIPRON 50 mg spot-on cats	127
Biocan NOVEL DHPPi	28	FIPRON 67 mg spot-on S	128
Biocan NOVEL DHPPi/L4	29	FLUEQUIN	51
Biocan NOVEL DHPPi/L4R	30	FLUEQUIN T	52
Biocan NOVEL Pi/L4	31	FRESH HORSE	160
Biocan NOVEL R	32		
Biocan P	23	GAFERVIT	143
Biocan Puppy	24	GAFERVIT mite	144
Biocan R	25	GAMARET	154
Biocan T	26	GAMMAVIT BIO	112
BIODEXIN ear lotion	173	GREEN repellent	133
BIODEXIN shampoo	174		
BioEquin F	46	HYALCHONDRO DC Plus	168
BioEquin FH	47	HYALCHONDRO EC Plus	169
BioEquin FT	48	HYALURONAN BIOVETA 10 mg/ml	170
BioEquin H	49		
BIOFEL M Plus	56	IMULYZIN	183
BIOFEL PCH	57	INTRAMAR LC	155
BIOFEL PCHR	58	IVASAN farm	190
BIOMEC 10 mg/ml	118	IVASAN pets	189
BIOPIROX 10 mg/ml	175	IVASAN spray	191
BIOSUIS APP 2,9,11	82	IVATYL TAR 180.000 IU/ml	113
BIOSUIS M.hyo	83		
BIOSUIS PARVO L (6)	84	JODOUTER 100 mg/ml	196
BIOSUIS PRRS inact Eu+Am	85		
BIOSUIS PRRS live	98	KOLIBIN RC Neo	41
BIOSUIS Respi E	86	KOLIERYSIN Neo	90
BIOVETA AMOXICILIN 100 mg/g	109	KOLISIN Neo	91
BIOVETA COLISTIN 1 200 000 IU/g	110		

## ALPHABETICAL LIST OF PRODUCTS

LECIRELIN Bioveta 0.025 mg/ml	100	SALGEN	67
LINEOMAM LC	156	SERGEN 500 IU/ml	104
LOTAGEN 360 mg/ml	197	SERGEN PG 400/200 IU	105
LOTAGEN injector	198	STREPTONAMID	114
		SULFADIMIDIN BIOVETA 20 g	134
<b>MORAXEBIN</b> Neo	42		
MULTIVIT – MINERAL	161	TOP SPOT ON DOG L	139
MYXOREN	76	TOP SPOT ON DOG M	138
		TOP SPOT ON DOG S	137
<b>NALGOSED</b> 10 mg/ml	146	TOP SPOT ON STRONGER 16.25 g	135
NARKAMON 100 mg/ml	147	TOP SPOT ON STRONGER 650 mg	136
NARKAMON 50 mg/ml	148	TRICHOBEN	43
		TRICHOBEN AV	44
<b>ØESTROPHAN</b> 0.25 mg/ml	101	TRICHOEQUEN	53
ORNIBRON H120 Clone	60	TRICHOPELEN	80
ORNIBRON H120+D274	61		
ORNIBUR Intermediate	62	VITA E SELEN	163
ORNIBUR Intermediate Plus	63	VITAPLASTIN FORTE	164
ORNIDUCK	68	VITAPLASTIN tbl.	165
ORNIMIX CLONE B1-Hitchner + H120	64		
ORNIPEST CLONE	65	XYLASED 100	150
ORNIPRIM CLONE B1	66	XYLASED 500	151
ORNIVAC EDS	69		
ORNIVAC ND	70		dog
ORNIVAC ND+GO	71		cat
ORNIVAC ND+GO+IB+EDS	72		horse
ORNIVAC ND+IB2+EDS	73		rabbit
OTIBIOVIN ear drops	176		exotic birds
OTIMIX ear drops	177		reptile
OTIPUR ear drops	178		cattle
OTOFINE	179		swine
OXYTOCIN BIO 5 IU/ml	102		goat
			sheep
<b>PARVOERYSIN</b>	92		poultry
PARVOSIN-OL	93		fur-bearing animal
PASORIN-OL	77		environment
PENBITAL 400 mg/ml	199		
PESTISEN-C	94		
PESTORIN	78		
PESTORIN MORMYX	79		
PIX FAGI	180		
PLASTIN	162		
PMV-Salmovac	74		
POLYEQUAN	184		
POLYGLOB	185		
POLYPLEUROSIN APX PLUS IM	95		
PROFYMAST emulsio	200		
<b>REMOPHAN</b> 75 µg/ml	103		
RHINISIN DNT	96		
ROKOVAC NEO	97		
ROMETAR 20 mg/ml	149		

# CANINE VACCINES

Biocan B

Biocan C

Biocan DH + L

Biocan DHPPi

Biocan DHPPi + L

Biocan DHPPi + LR

Biocan DP

Biocan L

Biocan LR

Biocan M

Biocan M Plus

Biocan P

Biocan Puppy

Biocan R

Biocan T

Borrelym 3

Biocan NOVEL DHPPi

Biocan NOVEL DHPPi/L4

Biocan NOVEL DHPPi/L4R

Biocan NOVEL Pi/L4

Biocan NOVEL R

1



Great protection  
against two the  
most common  
European  
serogroups  
of *Borrelia* spp.



## Biocan B suspension for injection

### Vaccine against Lyme disease, inactivated

#### COMPOSITION

Composition 1 ml:

#### Active substances:

*Borrelia burgdorferi* inactivata:

*Borrelia garinii* RP  $\geq 1^*$

*Borrelia afzelii* RP  $\geq 1^*$

\* relative potency (RP) in comparison with reference serum gained from the animals vaccinated with batch which satisfied in challenge test on target animal

#### TARGET SPECIES

Dogs.

#### INDICATION

For the active immunization of dogs against Lyme disease at the age of 12 weeks and above.

It can be applied simultaneously with other vaccines of Biocan type, but always each vaccine shall be applied to the individual spot (preferably on the opposite body side).

#### DOSAGE

1 ml irrespective of age, weight and race of the individual, but not early than at the age of 12 weeks.

#### Apply the vaccine:

- subcutaneously, preferably at the region behind the blade-bone
- intramuscularly, preferably to the musculature of the pelvis extremity.

In case of the primary vaccinations, the re-vaccination shall be performed at the interval of 14–21 days. The vaccination scheme should be specified by the veterinarian in dependence on the infection situation.

#### SHELF LIFE

24 months

#### STORAGE

Store in a dark and dry place at the temperature between 2 °C – 8 °C. The vaccine shall not be allowed to freeze.

#### PACKAGE

2 × 1 ml, 10 × 1 ml, 20 × 1 ml, 50 × 1 ml, 100 × 1 ml



Vaccine providing protection against the next viral pathogen of gastrointestinal tract



## Biocan C suspension for injection

### Inactivated canine coronavirus vaccine

#### COMPOSITION

Composition – 1 ml:

##### Active substance:

*Coronavirus gastroenteritidis infectiosae canis*, prior to inactivation min.  $10^{6.5}$  TCID<sub>50</sub>

#### TARGET SPECIES

Dogs.

#### INDICATION

For active immunisation from 5th week of age against canine coronavirus.

#### DOSAGE

1 ml regardless of age, weight and breed of the individual.

The vaccine is administered subcutaneously at the age of 5 weeks and above; revaccination is performed in 14 to 21 days after primovaccination.

To maintain a permanent immunity, it is recommended to revaccinate in six-month intervals.

#### SHELF LIFE

24 months. Use the vaccine immediately after opening.

#### STORAGE

Store in a dark and dry place under a temperature of 2 °C – 8 °C.

The vaccine must not get frozen!

#### PACKAGE

10 × 1 ml, 20 × 1 ml, 50 × 1 ml, 100 × 1 ml



Unique antigenic combination for special epidemiological situation



## Biocan DH + L

lyophilisate for the preparation of injection suspension with diluent

Vaccine against canine distemper (CDV), inf. hepatitis (CAV-1), inf. laryngotracheitis (CAV-2) vivid and leptospirosis (*L. icterohaemorrhagiae* inact., *L. canicola* inact., *L. grippotyphosa* inact.) in dogs inactivated.

### COMPOSITION

#### Component DH (freeze-dried):

*Virus febris contagiosae canis*

min.  $10^{3.0}$  TCID<sub>50</sub>, max.  $10^{4.5}$  TCID<sub>50</sub>

*Virus laryngotracheitidis*

*contagiosae canis*

min.  $10^{3.5}$  TCID<sub>50</sub>, max.  $10^{4.5}$  TCID<sub>50</sub>

Nutrimentum pro lyophilisatione ad 1 ml

#### Component L (solution):

*Leptospira icterohaemorrhagiae* inact.

min. titre 32 defined MAT\*)

*Leptospira canicola* inact.

min. titre 32 defined MAT\*)

*Leptospira grippotyphosa* inact.

min. titre 32 defined MAT\*)

\*) geometrical mean of titres of specific antibodies defined by microagglutination test

### TARGET SPECIES

Dogs.

### INDICATION

For the active immunization of dogs against distemper, infectious hepatitis, infectious laryngotracheitis and the most frequently occurred leptospira serovars (*Leptospira icterohaemorrhagiae*, *Leptospira canicola*, *Leptospira grippotyphosa*) in dogs at the age of 8 weeks and above.

#### Use during pregnancy and lactation

Vaccination should be avoided during the last two weeks before delivery for the general purposes (handling with pregnant animal, etc.).

### DOSAGE

Dose – 1 ml irrespective of age, weight and breed.

### SHELF-LIFE

24 months. When diluted, the vaccine shall be used immediately.

### STORAGE

Store in a dry and dark place at the temperature of 2 °C – 8 °C. Do not freeze!

### PACKAGE

5 × 1 ml of the vaccine Biocan L

+ 5 × 1 ml of the lyophilised vaccine Biocan DH

10 × 1 ml of the vaccine Biocan L

+ 10 × 1 ml of the lyophilised vaccine Biocan DH

50 × 1 ml of the vaccine Biocan L

+ 50 × 1 ml of the lyophilised vaccine Biocan DH



Live vaccine for  
the first shot  
in puppies  
at the age  
six weeks



# Biocan DHPPi

lyophilisate for preparation of solution for injection

Live vaccine against canine distemper (CDV), inf. laryngotracheitis (CAV-2), inf. hepatitis (CAV-1), parvovirus (CPV-2), parainfluenza (CPIV-2) in dogs.

## COMPOSITION

Composition – 1 ml:

Freeze-dried component:

*Virus febris contagiosae canis*  
min.  $10^{3.0}$  TCID<sub>50</sub>, max.  $10^{4.5}$  TCID<sub>50</sub>

*Virus laryngotracheitidis*  
contagiosae canis min.  $10^{3.5}$   
TCID<sub>50</sub>, max.  $10^{4.5}$  TCID<sub>50</sub>

*Parvovirus enteritidis canis*  
min.  $10^{4.5}$  TCID<sub>50</sub>, max.  $10^{5.5}$  TCID<sub>50</sub>

*Virus parainfluenzae canis*  
min.  $10^{3.0}$  TCID<sub>50</sub>, max.  $10^{4.2}$  TCID<sub>50</sub>

## TARGET SPECIES

Dogs.

## INDICATION

For the active immunization of dogs against distemper, infectious hepatitis, infectious laryngotracheitis, parvovirus and parainfluenza.

## INTERACTION

The vaccine Biocan DHPPi can be used separately or simultaneously with other vaccines Biocan according to recommended vaccination scheme or in group with fluid vaccines Biocan (LR, L, C, R).

## DOSAGE

The dose is 1 ml regardless of age, weight and breed of the individual, vaccination may be first performed during the sixth week of age.

Method of administration – subcutaneously, preferably in zone behind the shoulder-blade.

## SHELF LIFE

24 months. When diluted, the vaccine shall be used immediately.

## STORAGE

Store in a dry and dark place at the temperature of 2 °C – 8 °C.

## PACKAGE

5 × 1 ml of vaccine Biocan DHPPi + 5 × 1 ml of diluent  
10 × 1 ml of vaccine Biocan DHPPi + 10 × 1 ml of diluent  
50 × 1 ml of vaccine Biocan DHPPi + 50 × 1 ml of diluent



Combination viral antigens and three serogroups of *Leptospira* spp. for purpose of revaccination at the age eight weeks



# Biocan DHPPi + L

lyophilisate for the preparation of injection suspension with diluent

Vaccine against canine distemper (CDV), inf. hepatitis (CAV-1), inf. laryngotracheitis (CAV-2), parvovirus (CPV-2), parainfluenza (CPIV-2) virid and leptospirosis (*L. icterohaemorrhagiae* inact., *L. canicola* inact., *L. grippityphosa* inact.) in dogs inactivated

## COMPOSITION

### Freeze-dried component

*Virus febris contagiosae canis*

min.  $10^{3.0}$  TCID<sub>50</sub>, max.  $10^{4.5}$  TCID<sub>50</sub>

*Virus laryngotracheitidis*

*contagiosae canis*

min.  $10^{3.5}$  TCID<sub>50</sub>, max.  $10^{4.5}$  TCID<sub>50</sub>

*Parvovirus enteritidis canis*

min.  $10^{4.5}$  TCID<sub>50</sub>, max.  $10^{5.5}$  TCID<sub>50</sub>

*Virus parainfluenzae canis*

min.  $10^{3.0}$  TCID<sub>50</sub>, max.  $10^{4.2}$  TCID<sub>50</sub>

### Liquid component

*Leptospira icterohaemorrhagiae*

inact.

min. titre 32 defined MAT\*)

*Leptospira canicola* inact.

min. titre 32 defined MAT\*)

*Leptospira grippityphosa* inact.

min. titre 32 defined MAT\*)

\*) geometrical mean of titres of specific antibodies defined by microagglutination test

## TARGET SPECIES

Dogs

## INDICATION

For the active immunization of dogs against distemper, infectious

hepatitis, infectious laryngotracheitis, parvovirus, parainfluenza and the most frequently occurred leptospira serovars (*Leptospira icterohaemorrhagiae*, *Leptospira canicola*, *Leptospira grippityphosa*) in dogs at the age of 8 weeks and above.

## DOSAGE

Dose - 1 ml irrespective of age, weight and breed.

Vaccine is administered subcutaneously, preferably in zone behind the shoulder-blade at the age of 8 weeks and above, the re-vaccination shall be done within 14–21 day.

Immunity is starting after 14 days after first vaccination and firm immunity is developed after further 14 days after re-vaccination. The revaccination shall be performed within 14–21 days. The revaccination should be repeated every year in order to keep permanent

immunity of the animals vaccinated.

## SHELF LIFE

24 months. When diluted, the vaccine shall be used immediately.

## STORAGE

Store in a dry and dark place at the temperature of 2 °C – 8 °C. Do not freeze!

## PACKAGE

5 × 1 ml of freeze-dried DHPPi component + 5 × 1 ml of L component  
 10 × 1 ml of freeze-dried DHPPi component + 10 × 1 ml of L component  
 50 × 1 ml of freeze-dried DHPPi component + 50 × 1 ml of L component





For effective final  
vaccination of  
puppies at the age  
of 12 weeks



# Biocan DHPPi + LR

lyophilisate for the preparation of injection suspension with diluent

Vaccine against canine distemper (CDV), inf. hepatitis (CAV-1), inf. laryngotracheitis (CAV-2), parvovirus (CPV-2), parainfluenza (CPIV-2) virus and leptospirosis and rabies in dogs inactivated

## COMPOSITION

### Component DHPPi - lyophilizate

Active substances:

*Virus febris contagiosae canis*

min.  $10^{3.0}$ , max.  $10^{4.5}$  TCID<sub>50</sub>

*Virus laryngotracheitidis*

*contagiosae canis*

min.  $10^{3.5}$ , max.  $10^{4.5}$  TCID<sub>50</sub>

*Parvovirus enteritidis canis*

min.  $10^{4.5}$ , max.  $10^{5.5}$  TCID<sub>50</sub>

*Virus parainfluenzae canis*

min.  $10^{3.0}$ , max.  $10^{4.2}$  TCID<sub>50</sub>

### Component LR - diluent

Active substances:

*Virus rabiei inactivated*

min. 2 IU

*Leptospira icterohaemorrhagiae*  
*inact.*

min. titre 32 defined by MAT\*)

*Leptospira canicola inact.*

min. titre 32 defined by MAT\*)

*Leptospira grippotyphosa inact.*

min. titre 32 defined by MAT\*)

\*) geometrical mean of titres of specific antibodies defined by microagglutination test

## TARGET SPECIES

Dogs.

## INDICATION

For the active immunization of dogs against distemper, infectious hepatitis, infectious laryngotracheitis, parvovirus, parainfluenza, rabies and the most frequently occurred leptospira serovars (*Leptospira icterohaemorrhagiae*, *Leptospira canicola*, *Leptospira grippotyphosa*) in dogs at the age of 12 weeks and above.

## INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

The vaccine Biocan DHPPi + LR can be used separately or simultaneously with vaccines Biocan C, Biocan M Plus, Biocan B.

## DOSAGE

1 ml irrespective of weight of breed, at the age of 12 weeks and above.

Method of administration – subcutaneously.

Immunity is starting after 14 days after first vaccination and firm immunity is developed after further 14 days after re-vaccination. The revaccination shall be performed within 14–21 days.

The revaccination should be repeated every year in order to keep permanent immunity of the animals vaccinated.

## SHELF LIFE

24 months.

## STORAGE

Store in a dry and dark place at the temperature of 2 °C – 8 °C. Do not freeze!

## PACKAGE

5 × 1 ml of the vaccine Biocan LR + 5 × 1 ml of the lyophilised vaccine Biocan DHPPi

10 × 1 ml of the vaccine Biocan LR + 10 × 1 ml of the lyophilised vaccine Biocan DHPPi

50 × 1 ml of the vaccine Biocan LR + 50 × 1 ml of the lyophilised vaccine Biocan DHPPi.



Vaccine contains live, highly immunogenic strain of parvovirus inducing fast onset of immunity



## Biocan DP lyophilisate for suspension for injection with diluent

Vaccine against canine distemper (CDV) and canine parvovirus (CPV-2), live

### COMPOSITION

#### Lyophilisate:

*Virus febris contagiosae canis*:  
 $10^{3.0} - 10^{4.8}$  TCID<sub>50</sub>

*Parvovirus enteritidis canis*:  
 $10^{4.5} - 10^{6.0}$  TCID<sub>50</sub>

#### Excipients:

lyophilisation medium ad 1 ml

### TARGET SPECIES

Dogs.

### INDICATIONS

For active immunization of dogs against canine distemper and canine parvovirus from 6th week of age.

The onset of immunity is 14 to 28 days after the second vaccination.

The duration of immunity to both the antigens is at least one year.

### DOSAGE

Dose: 1 ml regardless of age, weight and breed of the individual, but not earlier than at the 6th week of age.  
 Method of administration – subcutaneous, preferably in the region behind the shoulder blade.

### SHELF LIFE

24 months, the vaccine should be used immediately after dilution.

### STORAGE

Store in a dry and dark place at 2 °C – 8 °C.

### PACKAGE

5 × 1 ml of lyophilised vaccine  
 Biocan DP + 5 × 1 ml of diluent  
 10 × 1 ml of lyophilised vaccine  
 Biocan DP + 10 × 1 ml of diluent  
 50 × 1 ml of lyophilised vaccine  
 Biocan DP + 50 × 1 ml of diluent



The content  
of three  
recommended  
serovars  
of *Leptospira*  
species



# Biocan L suspension for injection

## Inactivated vaccine against leptospirosis in dogs

### COMPOSITION

#### Active substances:

*Leptospira icterohaemorrhagiae*  
inact.

min. titre 32 defined by MAT\*)

*Leptospira canicola* inact.

min. titre 32 defined by MAT\*)

*Leptospira grippotyphosa* inact.

min. titre 32 defined by MAT\*)

\*) geometrical mean of titres of specific  
antibodies defined by microagglutination  
test

### TARGET SPECIES

Dogs

### INDICATION

For active immunisation of dogs  
from the age of 8 weeks against  
leptospiral serovars contained  
in vaccine.

### DOSAGE

1 ml regardless of age, weight  
and breed of the individual.

The vaccine is administered  
subcutaneously at the age  
of 8 weeks or more.

Revaccination is performed  
in 14 to 28 days after  
primovaccination so that  
revaccination was performed  
at least at the age of 12 weeks  
of the puppies.

Annual revaccination is  
recommended in order to  
maintain permanent immunity.

### SHELF LIFE

24 months. Use the vaccine  
immediately after opening.

### STORAGE

Store in a dark and dry place  
under a temperature  
of 2 °C – 8 °C.

The vaccine must not get frozen!

### PACKAGE

10 × 1 ml, 20 × 1 ml, 50 × 1 ml,  
100 × 1 ml.



A combination  
three *Leptospira*  
serovars and rabies  
virus in one vial



## Biocan LR suspension for injection

### Inactivated vaccine against leptospirosis and rabies in dogs

#### COMPOSITION

##### Active substances:

*Virus rabiei inactivated*

min. 2 IU

*Leptospira icterohaemorrhagiae*  
*inact.*

min. titre 32 defined by MAT\*)

*Leptospira canicola inact.*

min. titre 32 defined by MAT\*)

*Leptospira grippotyphosa inact.*

min. titre 32 defined by MAT\*)

\*) geometric mean of titres of specific antibodies defined by micro-agglutination test

#### TARGET SPECIES

Dogs.

#### INDICATION

For active immunisation of dogs against rabies and leptospira serovars contained in vaccine.

#### INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

Biocan LR vaccine may be used separately, simultaneously or in combination with other Biocan vaccines:

A/ Biocan LR vaccine may be used as a diluent for other lyophilised Biocan vaccines (for example DHPPi, DHP, DP, P).  
B/ Biocan LR vaccine may be administered simultaneously or with liquid vaccines Biocan C, Biocan B and Biocan M (possibly with lyophilised vaccine Biocan DHPPi).

#### DOSAGE

1 ml subcutaneously regardless of age, weight and breed of the individual.

Vaccination scheme:

##### Primary vaccination at the age of 8 weeks.

If necessary, it is possible to vaccinate puppies at the age from 8 weeks with Biocan L or Biocan LR vaccine (in case of rabies in the area). Revaccination in this case is performed at the age of 12 weeks using Biocan LR vaccine. To maintain permanent immunity against leptospira and rabies, it is recommended to revaccinate yearly with Biocan LR vaccine.

##### Primary vaccination at the age of 12 weeks.

Vaccination with Biocan LR vaccine with subsequent revaccination with Biocan L vaccine within an interval of 14–28 days.

To maintain permanent immunity against leptospira and rabies, it is recommended to revaccinate yearly with Biocan LR vaccine.

#### SHELF LIFE

24 months. Use the vaccine immediately after opening.

#### STORAGE

Store in a dark and dry place at 2 °C – 8 °C. The vaccine must not get frozen!

#### PACKAGE

10 × 1 ml, 20 × 1 ml, 50 × 1 ml, 100 × 1 ml.



Unique vaccine  
for prophylaxis  
and treatment  
of the  
dermatophytosis  
in dogs and cats



## Biocan M inj. ad us. vet.

### Vaccine against *Microsporum canis* in dogs and cats

#### COMPOSITION

Active substance:  
*Microsporum canis* inact.  
min. 500 000 vegetative forms

#### TARGET SPECIES

Dog, cat.

#### INDICATION

From the 12th week of age for the prophylaxis and therapy of dermal mycosis in dogs and cats caused by the dermatophyte *Microsporum canis*.

#### INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

Always apply Biocan M separately (never use it as a diluent for lyophilized vaccines or mix with liquid Biocan vaccines).

Any other Biocan vaccine (Puppy, P, DP, DH, DHP, DHPPi, L, R, LR, C) can be administered simultaneously with Biocan M into a different site (preferably on the other side).

#### DOSAGE

1 ml regardless of age, weight or breed of the animal.

Dogs: strictly intramuscularly into the hind limb muscle.

Cats: subcutaneously into the area behind the blade bone or intramuscularly into the hind limb muscle.

Preferably vaccinate into the left and revaccinate into the right half of the body.

#### SHELF LIFE

24 months

#### STORAGE

Keep in a dry and dark place at 2 °C – 8 °C. Do not freeze.

#### PACKAGE

2 × 1 ml, 10 × 1 ml, 20 × 1 ml, 50 × 1 ml, 100 × 1 ml.



Inactivated  
non-adjuvant  
vaccine against  
*Microsporium  
canis* infection  
in dogs



## Biocan M Plus injection suspension for dogs

### Inactivated vaccine against *Microsporium canis* in dogs

#### COMPOSITION

Active substance:  
*Microsporium canis* *inact.*  
min. 1 million of vegetative forms

#### TARGET SPECIES

Dogs.

#### INDICATION

For the prevention and therapy of dermal mycoses in dogs induced by the dermatophyte *Microsporium canis*. Animals should be vaccinated at the age of 2 months and above. The immunity develops within 1 month after revaccination and persists for at least 1 year.

#### INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

Other immunoprophylactic interventions should not be carried out during one week before the first vaccination up to 14 days after the second (or, if relevant, the third) vaccination (except of the cases when the vaccine BIOCAN series is applied).

#### DOSAGE

One ml of the vaccine can be applied to animals aged two months and above, regardless of the age, weight and race of the individual  
Application: deep intramuscularly into the musculature of the pelvis extremity.  
The vaccination should be carried out into the left body side and the revaccination into the right body side. Preventive and therapeutic use: animals shall be vaccinated twice at the interval of 10–21 days between the first and the second vaccination. The third vaccination dose can be applied, if necessary for therapeutic purposes, 10–21 days after the revaccination.

#### SHELF LIFE

18 months

#### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light

#### PACKAGE

2 × 1 ml, 10 × 1 ml, 20 × 1 ml, 50 × 1 ml, 100 × 1 ml.



**Monovalent  
protection against  
canine parvovirus  
in special situation**



## **Biocan P inj. sicc. ad us. vet.**

### **Live vaccine against parvovirus (CPV-2) in dogs**

#### **COMPOSITION**

**Freeze – dried component:**

Active substance:

*Parvovirus enteritidis canis*

min.  $10^{5.0}$  TCID<sub>50</sub>, max.  $10^{6.2}$  TCID<sub>50</sub>

Auxiliary substances:

Nutrimentum pro lyophilisatione  
ad 1 ml

**Diluent**

Aqua pro injectione

1 ml

#### **TARGET SPECIES**

Dogs.

#### **INDICATION**

For the active immunization  
of dogs against parvovirus.

#### **INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION**

The vaccine Biocan P can be used  
separately or simultaneously with  
other vaccines Biocan according  
to recommended vaccination  
scheme or in group with fluid  
vaccines Biocan (LR, L, C, R).

#### **DOSAGE**

The dose is 1 ml regardless of  
age, weight and breed of the  
individual, vaccination may be  
first performed during the sixth  
week of age.

Method of administration –  
subcutaneously, preferably in  
zone behind the shoulder-blade.

#### **SHELF LIFE**

24 months, when diluted,  
the vaccine shall be used  
immediately.

#### **STORAGE**

Store in a dry and dark place at  
the temperature of 2 °C – 8 °C.

#### **PACKAGE**

5 × 1 ml of vaccine Biocan P +  
5 × 1 ml of diluent

10 × 1 ml of vaccine Biocan P +  
10 × 1 ml of diluent

50 × 1 ml of vaccine Biocan P +  
50 × 1 ml of diluent



Safe vaccine for the vaccination of the youngest puppies at 5th weeks of age



# Biocan Puppy

lyophilisate for the preparation of injection suspension with diluent

**Live vaccine against canine distemper and inactivated vaccine against canine parvovirus**

## COMPOSITION

### Lyophilized component (D)

*Virus febris contagiosae canis*  
min.  $10^{4.2}$  TCID<sub>50</sub> – max  $10^{5.0}$  TCID<sub>50</sub>

### Liquid component (P)

*Parvovirus enteritidis canis inact.*  
min. 1024 HAU – max 4096 HAU

## TARGET SPECIES

Dogs.

## INDICATION

For an active immunisation of dogs against canine distemper and parvovirus from 5th week of age.

## DOSAGE

Dose - 1 ml of injection solution, which is prepared by diluting the lyophilised component with liquid component of the vaccine, regardless of age, weight and breed of the animal, but at the earliest in the fifth week of age. Method of administration – subcutaneous, best to the region behind scapula.

Individuals vaccinated for the first time need to be revaccinated

within an interval of 14–21 days. Yearly revaccination is recommended in order to maintain a permanent immunity.

## SHELF LIFE

24 month, use the vaccine immediately after reconstitution.

## STORAGE

Store in a dry and dark place at 2 °C – 8 °C. The vaccine must not get frozen!

## PACKAGE

5 × 1 ml of lyophilised component of the vaccine Biocan Puppy (Component D)

5 × 1 ml of liquid component of the vaccine Biocan Puppy (Component P)

10 × 1 ml of lyophilised component of the vaccine Biocan Puppy (Component D)

10 × 1 ml of liquid component of the vaccine Biocan Puppy (Component P)

50 × 1 ml of lyophilised component of the vaccine Biocan Puppy (Component D)  
50 × 1 ml of liquid component of the vaccine Biocan Puppy (Component P)



**Monovalent  
vaccine with  
immunogenic  
rabies virus SAD  
Vnukovo – 32**



## **Biocan R** suspension for injection

### Inactivated vaccine against rabies

#### **COMPOSITION**

Active ingredient  
*Virus rabiei* inactivatum,  
strain SAD Vnukovo – 32  
min. 2 IU

#### **TARGET SPECIES**

Dogs, cats, fur animals, cattle,  
horses, sheep, goats, pigs.

#### **INDICATION**

For active immunisation of target  
animal species against rabies.

#### **INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION**

Biocan R vaccine may be used  
separately, simultaneously or  
in combination with other  
Biocan vaccines:  
A/ Biocan R vaccine may be used  
as a diluent for other lyophilised  
Biocan vaccines (for example  
DHPPi, DP, P).  
B/ Biocan R vaccine may be  
administered simultaneously or  
with liquid vaccines Biocan C,  
Biocan B, Biocan M and Biocan L.

#### **DOSAGE**

Dosage – 1 ml regardless of age,  
weight and breed of the  
individual; but at the earliest  
in the 12th week of age.

#### **Method of administration:**

- subcutaneous, best in  
the region behind the shoulder  
blade.  
- intramuscular, best to the  
muscle of the rear limb.  
Animals are vaccinated from  
the age of 3 months. The onset of  
protective immunity is within  
14 days after immunisation.  
Animals vaccinated earlier than  
at the age of 3 months must be  
revaccinated after reaching this  
age (minimal 14 day interval  
between vaccinations must be  
observed). Animals vaccinated  
for the first time, at the age  
of 3–12 months, must be  
revaccinated in 1 year after the  
first application of the vaccine.  
Revaccination performed one  
year after the first vaccine  
protects animals against rabies  
for at least 2 years. In order  
to maintain immunity, it is

recommended to revaccinate  
in accordance with veterinary  
regulations of each country.

#### **SHELF LIFE**

24 months, to be used within  
8 hours after the first opening.

#### **STORAGE**

Store in a dry and dark place  
at a temperature 2 °C – 8 °C.  
Do not freeze!

#### **PACKAGE**

10 × 1 ml, 20 × 1 ml, 50 × 1,  
100 × 1 ml, 1 × 5 ml, 5 × 5 ml,  
10 × 5 ml, 1 × 10 ml, 5 × 10 ml,  
10 × 10 ml, 1 × 20 ml, 5 × 20 ml,  
10 × 20 ml



Toxoid vaccine containing toxoid of *Clostridium tetani* for active protection against neurological symptoms of disease



## Biocan T injection suspension for dogs

### Vaccine against tetanus in dogs

#### COMPOSITION

Composition – 1 ml:

##### Active substance

*Anatoxinum tetanicum purificatum* min. 7.5 IU

#### TARGET SPECIES

Dogs.

#### INDICATION

Active immunization of dogs against tetanus.

#### DOSAGE AND METHOD OF ADMINISTRATION

2 × 1 ml at the interval of 3 weeks (animals at the age of 3 months and above).

#### METHOD OF ADMINISTRATION

Intramuscularly.

#### SHELF LIFE

36 months, usable life after the first opening is max. 10 hours.

#### STORAGE

Store in a dry and dark place at a temperature between 2 °C – 8 °C. Shake well the vial content before use.

#### PACKAGE

2 × 1 ml, 5 × 1 ml, 10 × 1 ml, 20 × 1 ml, 1 × 2 ml.



Novel vaccine protected against all the most pathogenic serogroups of *Borrelia* spp.



## Borrelym 3 injection suspension for dogs

### Vaccine against Lyme disease

#### COMPOSITION

Composition of one dose (1 ml):

##### Active substances:

Inactivated *Borrelia burgdorferi sensu lato*:

<i>Borrelia garinii</i>	RP $\geq 1^*$
<i>Borrelia afzelii</i>	RP $\geq 1^*$
<i>Borrelia burgdorferi sensu stricto</i>	RP $\geq 1^*$

\*RP = Relative potency (ELISA test) compared with the reference serum obtained after vaccination of mice with a vaccine batch that has successfully passed the challenge test in the target species.

Suspension for injection.

Pinkish up to white fluid containing white sediment that disperses easily when the content is shaken.

#### TARGET SPECIES

Dogs.

#### INDICATION

For active immunization of dogs from 12 weeks of age, to induce an anti-OspA response against *Borrelia* spp. (*B. burgdorferi sensu stricto*, *B. garinii* and *B. afzelii*).

**Onset of immunity:** 1 month after primary vaccination.

**Duration of immunity:** one year after primary vaccination.

#### DOSAGE

1 ml from 12 weeks of age.

Subcutaneously. Shake the vial well before use.

#### Primary vaccination:

Administer two doses separated by an interval of 3 weeks.

#### Revaccination:

Annual revaccination with a single dose is recommended to maintain immunity although this schedule has not been investigated.

Vaccination should be carried out prior to periods of increased tick activity, allowing sufficient time for the immune response to vaccination to develop fully prior to expected tick exposure.

#### SHELF LIFE

24 months.

#### STORAGE

Protect from light. Store and transport at 2 °C – 8 °C.

#### STORAGE

10 × 1 ml, 2 × 1 ml, 20 × 1 ml, 50 × 1 ml, 100 × 1 ml.



Live vaccine  
containing  
new highly  
immunogenic  
parvo strain  
CPV 2b



# Biocan NOVEL DHPPi

lyophilisate and solvent for suspension for injection for dogs

## COMPOSITION

Freeze-dried fraction (live attenuated):

*Canine Distemper virus*, strain CDV Bio 11/A  
min.  $10^{3.1}$  TCID<sub>50</sub> max.  $10^{5.1}$  TCID<sub>50</sub>  
*Canine Adenovirus Type 2*, strain CAV-2-Bio 13  
min.  $10^{3.6}$  TCID<sub>50</sub> max.  $10_{5.3}$  TCID<sub>50</sub>  
*Canine Parvovirus Type 2b*, strain CPV-2b-Bio 12/B  
min.  $10^{4.3}$  TCID<sub>50</sub> max.  $10_{6.6}$  TCID<sub>50</sub>  
*Canine Parainfluenza virus*, strain CPiV-Bio 15  
min.  $10^{3.1}$  TCID<sub>50</sub> max.  $10^{5.1}$  TCID<sub>50</sub>

## INDICATION

Active immunization of dogs from 6 weeks of age.  
to prevent mortality and clinical signs caused by canine distemper virus  
to prevent mortality and clinical signs caused by canine adenovirus type 1  
to prevent clinical signs and reduce viral excretion caused by canine adenovirus type 2  
to prevent clinical signs, leukopenia and viral excretion caused by canine to prevent clinical signs (nasal and ocular discharge) and reduce viral excretion caused by canine parainfluenza virus

## Onset of immunity:

- 3 weeks after the first vaccination for CDV, CAV, CPV,

- 3 weeks after completion of the primary course for CPiV

## Duration of immunity:

At least three years following the primary vaccination course for canine distemper virus, canine adenovirus type 1, canine adenovirus type 2 and canine parvovirus. At least one year following the primary vaccination course for canine parainfluenza virus. The duration of immunity against CAV-2 was not established by challenge.

It was shown that 3 years after the vaccination CAV-2 antibodies are still present. Protective immune response against CAV-2 associated respiratory disease is considered to last at least 3 years.

## DOSAGE AND METHOD OF ADMINISTRATION

Subcutaneous use

Dose and route of administration: Aseptically reconstitute the lyophilisate with the solvent. Shake well and administer immediately the entire content (1 ml) of the reconstituted product.

## Basic vaccination scheme:

Two doses of Biocan Novel DHPPi apart 3–4 weeks apart from 6 weeks of age.

If protection against leptospira is required the second dose may be

given with compatible product Biocan Novel DHPPi/L4 and the vaccination scheme planned accordingly (please refer to SPC for Biocan Novel DHPPi/L4).

## Revaccination scheme:

A single dose of Biocan Novel DHPPi should be given every 3 years. Annual re-vaccination is required for Parainfluenza, therefore a single dose of Biocan Novel DHPPi or Biocan Novel Pi/L4 can be used annually if required. Full protective immunity against leptospira component of the Pi/L4 vaccine, if used for annual revaccination, is formed only after the basic vaccination with a Biocan Novel vaccine containing the L4 component.

## SHELF LIFE

24 months, after reconstitution according to directions: administer the vaccine immediately.

## STORAGE

Store and transport refrigerated (2 °C – 8 °C). Do not freeze

## PACKAGE

10 × 1 dose, 25 × 1 dose.



Combined vaccine containing four the most common and highly pathogenic serovars of *Leptospira* spp. in diluent fraction



# Biocan NOVEL DHPPi/L4

lyophilisate and solvent for suspension for injection for dogs

## COMPOSITION

**Freeze-dried fraction (live attenuated):**

*Canine Distemper virus*, strain CDV Bio 11/A, min.  $10^{3.1}$  max. TCID<sub>50</sub>  $10^{5.1}$  TCID<sub>50</sub>

*Canine Adenovirus Type 2*, strain CAV-2-Bio 13, min.  $10^{3.6}$  TCID<sub>50</sub> max.  $10^{5.3}$  TCID<sub>50</sub>

*Canine Parvovirus Type 2b*, strain CPV-2b-Bio 12/B, min.  $10^{4.3}$  TCID<sub>50</sub> max.  $10^{6.6}$  TCID<sub>50</sub>

*Canine Parainfluenza virus*, strain CPiV-Bio 15, min.  $10^{3.1}$  TCID<sub>50</sub> max.  $10^{5.1}$  TCID<sub>50</sub>

**Liquid fraction (inactivated):**

*Leptospira interrogans*, serogroup Icterohaemorrhagiae, serovar Icterohaemorrhagiae, kmen MSLB 1089 GMT  $\geq 1:51$  ALR

*Leptospira interrogans*, serogroup Canicola, serovar Canicola, kmen MSLB 1090 GMT  $\geq 1:51$  ALR

*Leptospira kirschneri*, serogroup Grippotyphosa, serovar Grippotyphosa, kmen MSLB 1091 GMT  $\geq 1:40$  ALR

*Leptospira interrogans*, serogroup Australis, serovar Bratislava, kmen MSLB 1088 GMT  $\geq 1:51$

## INDICATION

Active immunization of dogs from 6 weeks of age: to prevent mortality and clinical signs caused by canine distemper virus

to prevent mortality and clinical signs caused by canine adenovirus type 1 to prevent clinical signs and reduce viral excretion caused by canine adenovirus type 2

to prevent clinical signs, leukopenia and viral excretion caused by canine parvovirus

to prevent clinical signs (nasal and ocular discharge) and reduce viral excretion caused by canine parainfluenza virus

to prevent clinical signs, infection and urinary excretion caused by *L. interrogans* serogroup Australis serovar Bratislava

to prevent clinical signs and urinary excretion and reduce infection caused by *L. interrogans* serogroup Canicola serovar Canicola and *L. interrogans* serogroup Icterohaemorrhagiae serovar Icterohaemorrhagiae

to prevent clinical signs and reduce infection and urinary excretion caused by *L. kirschneri* serogroup Grippotyphosa serovar Grippotyphosa

## DOSAGE AND METHOD OF ADMINISTRATION

Subcutaneous use.  
Dose and route of administration: Aseptically reconstitute the lyophilisate with the solvent. Shake well and administer immediately the entire content (1 ml) of the reconstituted product.

## Primary vaccination scheme:

Two doses of Biocan Novel DHPPi/L4 3–4 weeks apart from 6 weeks of age.

## Rabies:

If protection against rabies is required:

**First dose:** Biocan Novel DHPPi/L4 from 8–9 weeks of age.

**Second dose:** Biocan Novel DHPPi/L4R 3–4 weeks later, but not before 12 weeks of age.

In case of need, dogs younger than 8 weeks can be vaccinated as safety of Biocan Novel DHPPi/L4R has been demonstrated in 6 weeks old dogs.

## Revaccination scheme:

A single dose of Biocan Novel DHPPi/L4 should be given every 3 years. Annual re-vaccination is required for Parainfluenza and *Leptospira* components, therefore a single dose of compatible vaccine Biocan Novel Pi/L4 can be used annually as required.

## SHELF LIFE

24 months, after reconstitution according to directions: administer the vaccine immediately.

## STORAGE

Store and transport refrigerated (2 °C – 8 °C). Do not freeze.

## PACKAGE

10 × 1 dose, 25 × 1 dose.



**Polyvalent vaccine intended for the last revaccination of puppies and boosting adult dogs**



# Biocan NOVEL DHPPi/L4R

lyophilisate and solvent for suspension for injection for dogs

## COMPOSITION

**Freeze-dried fraction (live attenuated):** Canine Distemper virus, strain CDV Bio 11/A – min.  $10^{3.1}$  TCID<sub>50</sub> max.  $10^{5.1}$  TCID<sub>50</sub>, Canine Adenovirus Type 2, strain CAV-2-Bio 13 – min.  $10^{3.6}$  TCID<sub>50</sub> max.  $10^{5.3}$  TCID<sub>50</sub>, Canine Parvovirus Type 2b, strain CPV-2b-Bio 12/B – min.  $10^{4.3}$  TCID<sub>50</sub> max.  $10^{6.6}$  TCID<sub>50</sub>, Canine Parainfluenza virus, strain CPIV-Bio 15 – min.  $10^{3.1}$  TCID<sub>50</sub> max.  $10_{2.3}$  TCID<sub>50</sub>

## Liquid fraction (inactivated):

*Leptospira interrogans*, serogroup Icterohaemorrhagiae, serovar Icterohaemorrhagiae, kmen MSLB 1089 GMT  $\geq 1:51$  ALR  
*Leptospira interrogans*, serogroup Canicola, serovar Canicola, kmen MSLB 1090 GMT  $\geq 1:51$  ALR  
*Leptospira kirschneri*, serogroup Grippotyphosa, serovar Grippotyphosa, kmen MSLB 1091 GMT  $\geq 1:40$  ALR  
*Leptospira interrogans*, serogroup Australis, serovar Bratislava, kmen MSLB 1088 GMT  $\geq 1:51$   
Inactivated rabies virus, strain SAD Nvukovo-32 > 2.0 IU

## INDICATION

Active immunization of dogs from 8–9 weeks of age:  
to prevent mortality and clinical signs caused by canine distemper virus  
to prevent mortality and clinical signs caused by canine adenovirus type 1

to prevent clinical signs and reduce viral excretion caused by canine adenovirus type 2, to prevent clinical signs, leukopenia and viral excretion caused by canine parvovirus  
to prevent clinical signs (nasal and ocular discharge) and reduce viral excretion caused by canine parainfluenza virus, to prevent clinical signs, infection and urinary excretion caused by *L. interrogans* serogroup Australis serovar Bratislava  
to prevent clinical signs and urinary excretion and reduce infection caused by *L. interrogans* serogroup Canicola serovar Canicola and *L. interrogans* serogroup Icterohaemorrhagiae serovar Icterohaemorrhagiae  
to prevent clinical signs and reduce infection and urinary excretion caused by *L. kirschneri* serogroup Grippotyphosa serovar Grippotyphosa  
to prevent mortality, clinical signs and infection caused by rabies virus

## Duration of immunity:

At least three years following the primary vaccination course for canine distemper virus, canine adenovirus type 1, canine adenovirus type 2, canine parvovirus and rabies. At least one year following the primary vaccination course for canine parainfluenza virus, *Leptospira* components.

## DOSAGE

Subcutaneous use. Aseptically

reconstitute the lyophilisate with the solvent. Shake well and administer immediately the entire content (1 ml) of the reconstituted product.

## Basic vaccination scheme:

Two doses of Biocan Novel DHPPi/L4R 3–4 weeks apart from 8–9 weeks of age. The second dose should not be given before 12 weeks of age.

## Rabies

In case of need, dogs younger than 8 weeks can be vaccinated as safety of this product has been demonstrated in 6 weeks old dogs. The vaccination may be indicated as soon as 6 weeks of age with compatible product Biocan Novel DHPPi.

## Revaccination scheme:

A single dose of Biocan Novel DHPPi/L4R should be given every 3 years. Annual re-vaccination is required for Parainfluenza and *Leptospira* components therefore a single dose of compatible vaccine Biocan Novel Pi/L4 can be used annually as required.

## SHELF LIFE

24 months, after reconstitution according to directions: administer the vaccine immediately.

## STORAGE

Store and transport refrigerated ( $2^{\circ}\text{C} - 8^{\circ}\text{C}$ ). Do not freeze. Protect from light.

## PACKAGE

10 × 1 dose, 25 × 1 dose.



Vaccine intended  
for yearly  
revaccination  
against  
parainfluenza and  
leptospirosis



# Biocan NOVEL Pi/L4

lyophilisate and solvent for suspension for injection for dogs

## COMPOSITION

### Freeze-dried fraction (live attenuated):

Canine Parainfluenza virus, strain CPiV-Bio 15 min  $10^{3.1}$  TCID<sub>50</sub>  
max.  $10^{5.1}$  TCID<sub>50</sub>

### Liquid fraction (inactivated):

*Leptospira interrogans*, serogroup Icterohaemorrhagiae, serovar Icterohaemorrhagiae, kmen MSLB 1089

GMT  $\geq$  1:51 ALR

*Leptospira interrogans*, serogroup Canicola, serovar Canicola, kmen MSLB 1090

GMT  $\geq$  1:51 ALR

*Leptospira kirschneri*, serogroup Grippotyphosa, serovar Grippotyphosa, kmen MSLB 1091

GMT  $\geq$  1:40 ALR

*Leptospira interrogans*, serogroup Australis, serovar Bratislava, kmen MSLB 1088

GMT  $\geq$  1:51

Lyophilisate and solvent, for suspension for injection. The visual appearance is as follows:

Lyophilisate: Spongy matter of white colour.

Solvent: Whitish colour with easily shakeable sediments.

Reconstituted vaccine: Pinkish or yellowish colour with light opalescence

## INDICATION

Active immunization of dogs from six weeks of age.

- to prevent clinical signs and reduce viral excretion caused by canine parainfluenza virus  
- to prevent clinical signs, infection and urinary excretion caused by *Leptospira serovars bratislava, canicola, grippotyphosa and icterohaemorrhagiae*

### Onset of immunity:

Immunity has been demonstrated from 3 weeks after completion of the primary course for CPiV and from 4 weeks after completion of the primary course for *Leptospira* components.

### Duration of immunity:

At least one year following the primary vaccination course for all components of Pi/L4.

## DOSAGE

Reconstitute one vial of the lyophilisate aseptically using the contents of one vial of the solvent. Shake well and immediately inject the entire content of the reconstituted vial (1 ml) subcutaneously. Do not use chemically sterilised syringes or needles, as these may interfere with the effectiveness of the vaccine.

### Basic vaccination scheme:

Two doses of Biocan Novel Pi/L4 3 – 4 weeks apart from 6 weeks of age.

### Revaccination scheme:

A single dose of Biocan Novel Pi/L4 to be given annually.

### SHELF LIFE

24 months, after reconstitution according to directions: administer the vaccine immediately.

### STORAGE

Store and transport refrigerated (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 × 1 dose, 25 × 1 dose.



## Monovalent rabies vaccine containing time-tested strain SAD Vnukovo - 32



# Biocan NOVEL R

**NOVELTY 2017**

### COMPOSITION

#### Liquid fraction (inactivated):

Inactivated rabies virus, strain SAD Vnukovo-32  $\geq 2.0 \text{ IU}^{***}$

#### Adjuvant:

Aluminium hydroxide gel  
1.8–2.2 mg

### INDICATION

Active immunization of dogs from 12 weeks of age to prevent mortality, clinical signs and infection caused by rabies virus. In case of need, dogs younger than 12 weeks can be vaccinated. In this case the vaccine can be administered from 6 weeks of age in two doses. The second dose should not be administered before 12 weeks of age and not earlier than 3 weeks after the first dose.

#### Onset of immunity:

2 weeks after a single vaccination from 12 weeks of age.

#### Duration of immunity:

At least three years following the primary vaccination course. Duration of immunity was demonstrated after one vaccination at 12 weeks of age.

### DOSAGE

1 ml subcutaneously. Do not use chemically sterilised syringes or needles, as these may interfere with the effectiveness of the vaccine. Shake well before administration.

#### Basic vaccination scheme:

One dose of Biocan Novel R from 12 weeks of age.

The efficacy is proven after a single dose from 12 weeks of age in laboratory studies.

However, in field studies 10% of seronegative dogs did not show seroconversion ( $> 0.1 \text{ IU/ml}$ ) 3–4 weeks after single primary vaccination against rabies.

Another 17% did not show the 0.5 IU/ml rabies antibody titre required by some non-EU countries to travel in. In case of travelling to risk areas or for travel outside the EU veterinary surgeons may wish to use a two dose primary course including rabies or give an additional rabies vaccination after 12 weeks.

In case of need, dogs younger than 12 weeks can be vaccinated. In this case the vaccine can be administered from 6 weeks of age in two doses. The second dose should not be administered before 12 weeks of age and not earlier than 3 weeks after the first dose.

#### Revaccination scheme:

A single dose of Biocan Novel R should be given every 3 years.

#### SHELF LIFE

24 months, after reconstitution according to directions: administer the vaccine immediately.

#### SPECIAL STORAGE PRECAUTION

Store and transport refrigerated ( $2^\circ\text{C} - 8^\circ\text{C}$ ). Do not freeze.

#### PACKAGE

10 × 1 dose, 25 × 1 dose.



# CATTLE VACCINES

2

BioBos IBR marker inact.  
BioBos IBR marker live  
BioBos L  
BioBos L(6)  
BioBos Respi 2 intranasal  
BioBos Respi 3  
BioBos Respi 4  
KOLIBIN RC Neo  
MORAXEBIN Neo  
TRICHOBEN  
TRICHOBEN AV

Marker vaccine  
against IBR  
(BHV-1)  
inactivated



# BioBos IBR marker inact.

## injection suspension for cattle

### COMPOSITION

#### Active substance:

Bovine herpesvirus type 1 (BHV-1) inactivated (strain Bio-27: IBR gE -) RP  $\geq$  1

### TARGET SPECIES

Cattle from the age of 3 months.

### INDICATION

For active immunization of cattle to reduce intensity and term of the clinical symptoms caused by infection by the BHV-1 (IBR) virus and to reduce excretion of the field virus.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml

**Application:** intramuscularly.

**Basic vaccination:** two applications in the 3-week interval.

**Revaccination:** one application every 6 months.

Onset of protection 3 weeks after the basic vaccination immunity persists 6 months after the basic vaccination.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 50 ml, 100 ml in glass or plastic bottle.

## Marker vaccine against IBR (BHV- 1) live



# BioBos IBR marker live

## lyophilizate and solvent for preparation of suspension

### COMPOSITION

#### Active substance:

*Bovine herpesvirus* type 1 (BHV-1) attenuated (strain Bio-27: IBR gE -) min.  $10^{5.7}$  TCID<sub>50</sub>; max.  $10^{7.5}$  TCID<sub>50</sub>

### TARGET SPECIES

Cattle.

### CHARACTERISTIC AND INDICATION

Marker vaccine against IBR (BHV-1) live for the active immunization of cattle from 2 weeks of age, to reduce the intensity and duration of clinical symptoms induced by viral infection caused by BHV-1 (IBR), and to decrease the excretion of field virus. The onset of immunity was demonstrated 7 days after intranasal vaccination and 14 days after intramuscular vaccination of serologically negative animals. The vaccine does not induce the formation of antibodies against IBR glycoprotein E (marker vaccine). Thereby cattle vaccinated using this vaccine can be recognized from cattle infected with IBR field virus or vaccinated using conventional non-marker vaccines against IBR virus.

### DOSAGE AND ROUTE OF ADMINISTRATION

2 ml intranasal or intramuscularly after aseptic preparation of the vaccine.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

5 × 5 doses or 1 × 25 doses in glass vials with 10 ml or 50 ml Diluent A.



Inactivated  
monovalent  
vaccine against  
leptospirosis of  
cattle caused by  
*Leptospira*  
*borgpetersenii*  
serovar hardjo,  
type hardjo-bovis



# BioBos L

## injection suspension for cattle

### COMPOSITION

#### Active substance:

*Leptospira hardjo type hardjo-bovis inact.* min. titre 32 determined by ALR\*

\* The value was determined on the basis of the titres of the reference serum obtained from 5 rabbits vaccinated with a batch compliant with the challenge potency test on the target species (ALR = agglutination-lytic reaction).

### TARGET SPECIES

Cattle.

### INDICATION

For active immunization of cattle since 4 weeks of age against leptospirosis (serovar hardjo, typ. hardjo-bovis) to prevent infection, protection of embryos and foetuses and excretion of leptospirosis especially by urine.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml

**Application:** subcutaneously

#### Basic vaccination:

This requires administration of 2 vaccination doses with the range of 4 – 6 weeks, whereas the second dose must be administered at least 4 weeks before mating. The main effect is the prevention of excretion of leptospirosis by urine. If the second vaccination dose is administered at least 2 weeks before mating the significant prevention of the foetus also occurs.

The calves may be vaccinated from 4 weeks of age, the basic vaccination requires the administration of 2 vaccination doses. At reaching the category of the heifer the vaccination is accomplished once before mating.

### Revaccination:

For the keeping of the protective immunity an annual revaccination by a single dose is required at least 2 weeks before mating.

Onset immunity 4 weeks after basic vaccination scheme (after two doses of vaccine) and duration of immunity 12 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

4 ml, 10 ml, 20 ml, 50 ml, 100 ml, 250 ml in glass or plastic HDPE bottle.

Inactivated  
polyvalent vaccine  
against  
leptospirosis of  
cattle caused by  
major dangerous  
6 serovars



## BioBos L(6) injection suspension for cattle

### COMPOSITION

#### Active substance:

*Leptospira pomona* inact.  
min. titre 16 determined by ALR\*  
*Leptospira hardjo* type *hardjo-prajitno* inact. min. titre 35  
determined by ALR\*  
*Leptospira hardjo* type *hardjo-bovis* inact. min. titre 32  
determined by ALR\*  
*Leptospira grippotyphosa* inact.  
min. titre 64 determined by ALR\*  
*Leptospira icterohaemorrhagiae*  
inact. min. titre 81 determined by  
ALR\*  
*Leptospira canicola* inact.  
min. titre 35 determined by ALR\*

\* The values were determined on the basis of the titres of the reference serum obtained from 5 rabbits vaccinated with a batch compliant with the challenge potency test on the target species (ALR = agglutination-lytic reaction).

### TARGET SPECIES

Cattle.

### INDICATION

For active immunisation of cattle from 4 weeks of age against leptospirosis (6 serovars contained in the vaccine) to prevent infection, foetal infection and elimination of leptospirae especially in urine.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml  
**Application:** subcutaneously

#### Basic vaccination:

This requires administration of 2 vaccination doses with the range of 4 – 6 weeks, whereas the second dose must be administered at least 4 weeks before mating. The main effect is the prevention of excretion of leptospirae by urine. If the second vaccination dose is administered at least 2 weeks before mating the significant prevention of the foetus also occurs.

The calves may be vaccinated from 4 weeks of age, the basic vaccination requires the administration of 2 vaccination

doses. At reaching the category of the heifer the vaccination is accomplished once before mating.

#### Revaccination:

For the keeping of the protective immunity an annual revaccination by a single dose is required at least 2 weeks before mating.

Onset of immunity 4 weeks after basic vaccination scheme ( after two doses of vaccine) and duration of immunity 12 months.

#### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

#### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

#### PACKAGE

10 ml, 50 ml, 100 ml in glass or plastic bottles.



Intranasal live vaccine against major viral pathogens of Bovine respiratory disease complex (BRDC) caused by *Bovine respiratory syncytial virus* and *Parainfluenza 3 virus*



# BioBos Respi 2 intranasal

## lyophilisate and solvent for nasal suspension

### COMPOSITION

#### Active substance:

Bovine parainfluenza 3 (PI3),  
modified live virus, strain Bio  
23/A  $10^{5.0} - 10^{7.5}$  TCID<sub>50</sub>  
Bovine respiratory syncytial virus  
(BRSV), modified, live, strain Bio  
24/A  $10^{4.0} - 10^{6.0}$  TCID<sub>50</sub>

TCID<sub>50</sub> – a 50% infectious dose for tissue cultures

### TARGET SPECIES

Cattle from the age of 10 days

### INDICATION

For the active immunization of calves from the age of 10 days against BRSV and PI3V, to reduce the amount and duration of excretion of both these viruses.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intranasally

Administer one dose (2 ml) of the diluted vaccine intranasally to calves from 10 days of age using an special intranasal applicator. It is recommended to use a new applicator for each animal, in order to prevent the transmission of infection.

The onset of immunity has been demonstrated 10 days after a single vaccination. The duration of immunity after single dose is 12 weeks. Immunity has been demonstrated by vaccination of serologically negative animals.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package (lyophilisate) 2 years and solvent as packaged for sale 4 years. Shelf life after dilution according to directions: 2 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from direct sunlight.

### PACKAGE

Printed carton: 1 × 5 doses (1 × 3 ml of lyophilised vaccine + 1 × 10 ml of Diluent A).  
Plastic box with a lid, with 10 wells: 5 × 5 doses (5 × 3 ml of lyophilised vaccine + 5 × 10 ml of Diluent A). Intranasal applicator (box with 5 pieces) is not part of the packaging. Applicators are distributed together with the vaccine.



Inactivated vaccine against Bovine respiratory disease complex (BRDC) caused by *Bovine respiratory syncytial virus*, *Parainfluenza 3 virus* and bacteria *Mannheimia (Pasteurella) haemolytica*



# BioBos Respi 3

## injection suspension for cattle

### COMPOSITION

#### Active substance:

*Virus respiratoris syncytialis bovis inactivatum*, strain Bio-24 RP  $\geq 1^*$   
*Virus parainfluenzis 3 bovis inactivatum*, strain Bio-23 RP  $\geq 1^*$   
*Mannheimia (Pasteurella) haemolytica inactivata*, strain DSM 5283, serovar 1A RP  $\geq 1^*$

\*) Relative efficiency (RP) is given by the comparison of the antibody levels in serum prepared with the reference vaccine batch complying with the challenge test in target animals.

### TARGET SPECIES

Cattle from the age of 2 weeks.

### INDICATION

For active immunisation of cattle against *Parainfluenza 3 virus* to reduce infection, *Bovine respiratory syncytial virus* to reduce infection and clinical symptoms, and bacteria *Mannheimia (Pasteurella) haemolytica* serotype A1 to reduce clinical symptoms and pulmonary lesions.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml

**Application:** subcutaneously

#### Basic immunisation (vaccination with subsequent revaccination):

Vaccination of calves is recommended from 8 weeks of age with revaccination in 2–4 weeks (it is possible to vaccinate calves from the age of 2 weeks).

#### Revaccination:

In problematic breeds, another revaccination is recommended within a period of 6 months after basic immunisation, possibly before risky period in particular breed (e.g. transfer of animals, change of the stabling system, etc.).

#### Pregnant cows and heifers:

Vaccination with subsequent revaccination within 7–5 weeks and 4–2 weeks before expected date of labour due to increased resistance of the offspring via colostrum.

Antibody response against BRS virus, PI 3 virus and *Mannheimia haemolytica* reaches the highest level in 3 weeks after full immunisation programme. Another revaccination is recommended as required within an interval of 6 months after performance of the basic immunisation, because immunity persists after revaccination for at least 6 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

2 ml, 10 ml, 20 ml, 50 ml, 100 ml in glass bottle.



Inactivated vaccine against Bovine respiratory disease complex (BRDC) caused by *Bovine respiratory syncytial virus*, *Parainfluenza 3 virus*, *Bovine viral diarrhoea virus* and bacteria *Mannheimia (Pasteurella) haemolytica*



# BioBos Respi 4

## injection suspension for cattle

### COMPOSITION

#### Active substance:

*Virus respiratoris syncytialis bovis inactivatum*,

strain BIO-24 RP  $\geq$  1

*Virus parainfluenzis 3 bovis inactivatum*,

strain BIO-23 RP  $\geq$  1

*Virus diarrhoeae bovis inactivatum*,

strain BIO-25 RP  $\geq$  1

*Mannheimia (Pasteurella) haemolytica inactivata*,

strain DSM 5283, serovar 1A RP  $\geq$  1

The vaccine induces production of antibodies against infection caused by *Bovine respiratory syncytial virus*, *Parainfluenza 3 virus*, *Bovine viral diarrhoea virus* and bacteria *Mannheimia (Pasteurella) haemolytica*.

### TARGET SPECIES

Cattle from the age of 2 weeks.

### INDICATION

For active immunisation of cattle against *Parainfluenza 3 virus* to reduce infection, *Bovine respiratory syncytial virus* to reduce infection and clinical

symptoms, *Bovine viral diarrhoea virus* to reduce infection, and bacteria *Mannheimia (Pasteurella) haemolytica* serotype A1 to reduce clinical symptoms and pulmonary lesions.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml

**Application:** subcutaneously

#### Basic immunisation (vaccination with subsequent revaccination):

Vaccination of calves is recommended from 8 weeks of age with revaccination in 2–4 weeks (it is possible to vaccinate calves from the age of 2 weeks).

#### Revaccination:

In problematic breeds, another revaccination is recommended within a period of 6 months after basic immunisation, possibly before risky period in particular breed (e.g. transfer of animals, change of the stabling system, etc.).

#### Pregnant cows and heifers:

Vaccination with subsequent revaccination within 7 – 5 weeks and 4 – 2 weeks before expected date of labour due to increased resistance of the offspring via colostrum.

Antibody response against BRS virus, PI 3 virus, BVD virus and *Mannheimia haemolytica* reaches the highest level in 3 weeks after full immunisation programme.

Another revaccination is recommended as required within an interval of 6 months after performance of the basic immunisation, because immunity persists for at least 6 months.

#### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

#### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

#### PACKAGE

2 ml, 10 ml, 20 ml, 50 ml, 100 ml in glass bottle.



Inactivated vaccine  
against rota,  
corona and  
coli-infections  
of calves



# KOLIBIN RC Neo

## injection suspension for cattle

### COMPOSITION

Active substance:

*Rotavirus bovinum*, strain TM-91, inact. RP  $\geq 1$   
*Coronavirus bovinum*, strain C-197, inact. RP  $\geq 1$   
*E. coli* – 3 serovars of inactivated enteropathogenic strains – O8:K35, K99; O9:K35, K99; O101:K30, K99 RP  $\geq 1$

Vaccination of pregnant heifers and cows induces formation of the specific colostral antibodies against both the viral and bacterial antigens contained in the vaccine.

### TARGET SPECIES

Cattle (pregnant heifers and cows).

### INDICATION

Active immunisation of pregnant heifers and cows for the purpose of passive immunisation of calves against gastro-enteric diseases caused by rotavirus, coronavirus and enteropathogenic *E. coli* strains.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml  
**Application:** intramuscularly, preferably into the muscles in gluteal region

The pregnant heifers (or still unvaccinated cows) are vaccinated twice at the interval of 21 days, namely, 7–5 weeks and 4–2 weeks before the first expected calving.

The next vaccinations are performed once, namely, before each next calving.

Onset of immunity in calves fed from mothers, and in calves fed with colostrum collected from the vaccinated cows, the passive protection starts when feeding begins. Duration of immunity in calves fed with colostrum collected from the vaccinated cows, their passive protection against infection lasts until feeding with colostrum is interrupted. The calves fed from mothers are protected against the infection by colostral and

lactogenic immunity for the first 2–4 weeks of life.

Feeding with colostrum:

In order to ensure the effective prevention of calves against infection, the gastrointestinal tract of calves shall be saturated with colostrum obtained from the vaccinated cows for the first 2–3 weeks of their life. A calf shall drink the adequate colostrum volume obtained from the vaccinated cows within 6 hours after its birth.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

2 ml, 4 ml, 10 ml, 20 ml, 50 ml, 100 ml, 250 ml in glass bottle.



Inactivated vaccine  
against bovine  
infectious  
keratoconjunctivitis  
caused by  
*Moraxella bovis*



# MORAXEBIN Neo

## injection suspension for cattle

### COMPOSITION

Active substance:

*Moraxella bovis inactivata* – at least  $2.5 \times 10^{10}$  CFU

### TARGET SPECIES

Cattle.

### INDICATION

Immunoprophylaxis of infectious bovine keratoconjunctivitis in cattle aged 1 months and above. From the immunological point of view, the mass vaccination should be performed in all sensitive animals before the beginning of a grazing season.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage:** 2 ml

**Application:** intramuscularly 2× at an interval of 14 days into a neck musculature close to a lymph-node before a blade-bone.

After the antigen contained in the vaccine is applied into an animals body, the specific antibodies against the infectious keratoconjunctivitis are formed and protect the immunized animal against the disease mentioned.

Onset of immunity is 14 days after the vaccination and lasts for 9 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and after the first opening 10 hours.

### STORAGE

Keep in a dry and dark place at of 2 to 8 °C. Do not freeze!

### PACKAGE

10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml in glass or plastic bottle.

Live vaccine  
for prevention  
and treatment  
of bovine  
trichophytosis  
caused by  
*Trichophyton  
verrucosum*



# TRICHOBEN

## lyophilisate and solvent for preparation of injection suspension for cattle

### COMPOSITION

Active substance:

A) Lyophilizate: *Trichophyton verrucosum* – min.  $3,125 \times 10^6$  CFU, max.  $18,75 \times 10^6$  CFU

B) Solvent: Diluent A

### TARGET SPECIES

Cattle from one day of age.

### INDICATION

Both the prevention and treatment of bovine trichophytosis.

All animals in the stables must be vaccinated. Vaccination is also necessary after storing all newly stopped 1–2 month calves and animals transferred, since *Trichophyton verrucosum* is very resistant and survives in the environment for 6–8 years.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

**Dosage (prophylactic and therapeutic):**

Calves aged one day up to three months .....  $2 \times 2$  ml

Cattle older than three months .....  $2 \times 4$  ml

The interval between the vaccination and the revaccination should be 5–14 days.

**Application:** Intramuscular at the lumbar or gluteal region.

For vaccination and revaccination is recommended alternating right and left sides of the body. Another (the third) revaccination can be performed 2–4 weeks after the revaccination in the animals affected heavily with trichophytic changes and also in cachectic animals.

Immunity of the cellular type and partially of the humoral type is induced in the immunized animals. Onset of immunity is 1 month after the revaccination and lasts at least 5 years.

### WITHDRAWAL PERIODS

Meat: 14 days.

### SHELF LIFE

3 years. The vaccine shall be consumed within 2 hours since its dissolution.

### STORAGE

Store and transport refrigerated ( $2^\circ\text{C} - 8^\circ\text{C}$ ). Protect from frost. Protect from light.

### PACKAGE

$5 \times 10$  ml,  $1 \times 40$  ml in glass bottle.

Avirulent live vaccine for prevention and treatment of bovine trichophytosis caused by *Trichophyton verrucosum*



# TRICHOBEN AV

## lyophilisate and solvent for preparation of injection suspension for cattle

### COMPOSITION

Active substance:

- A) Lyophilizate: *Trichophyton verrucosum avirulentum* –  
 min.  $3,125 \times 10^6$  CFU  
 max.  $18,75 \times 10^6$  CFU

B) Solvent: Diluent A

### TARGET SPECIES

Cattle from one day of age.

### INDICATION

For active immunisation of cattle to reduce clinical signs of dermatophytosis caused by *Trichophyton verrucosum* for prophylactic vaccination and for therapeutic use.

All animals in the stables must be vaccinated. Vaccination is also necessary after storing all newly stopped 1–2 month calves and animals transferred, since *Trichophyton verrucosum* is very resistant and survives in the environment for 6–8 years.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

#### Dosage (prophylactic and therapeutic):

Calves aged one day up to three months ...  $2 \times 2$  ml  
 Cattle older than three months ...  $2 \times 4$  ml  
 The interval between the vaccination and the revaccination should be 5–14 days.

**Application:** Intramuscular at the lumbar or gluteal region. For vaccination and revaccination is recommended alternating right and left sides of the body. Another (the third) revaccination can be performed 2–4 weeks after the revaccination in the animals affected heavily with trichophytic changes and also in cachectic animals.

Immunity is created within 1 month after revaccination and it persists at least one year.

### WITHDRAWAL PERIODS

Meat: 14 days.

### SHELF LIFE

3 years. The vaccine shall be consumed within 2 hours since its dissolution.

### STORAGE

Store and transport refrigerated ( $2^\circ\text{C} - 8^\circ\text{C}$ ). Protect from frost. Protect from light.

### PACKAGE

$5 \times 10$  ml,  $1 \times 40$  ml in glass bottle.

# EQUINE VACCINES

3

BioEquin F  
BioEquin FH  
BioEquin FT  
BioEquin H  
CLOTEID 4  
FLUEQUIN  
FLUEQUIN T  
TRICHOEQUEN



Novel vaccine containing influenza antigens in accordance with the epidemiological situation



## BioEquin F, suspension for injection for horses

### Vaccines against influenza

#### COMPOSITION

Active substances in one dose

*Virus influenzae eorum inactivatum*, strains:

A/Equi 2/Morava 95

(European type) min. 5 log<sub>2</sub> HIT<sup>1</sup>

A/Equi 2/Brno 08

(American type, clade Florida 2) min. 5 log<sub>2</sub> HIT<sup>1</sup>

<sup>1</sup> 1 geometrical average of specific antibodies determined by haemagglutination inhibition test in serum of guinea pigs

Injection suspension.

#### TARGET SPECIES

Horse.

#### INDICATION

For active immunization of horses to reduce the occurrence of clinical signs caused by equine influenza virus and to reduce virus spreading after infection.

**Onset of immunity:** 14 days after primary vaccination

**Duration of immunity:** 6 months after primary vaccination and 12 months after third dose of vaccination

#### DOSAGE

1 ml deep intramuscularly.

#### Primary vaccination course

First injection at the age 6 months, second injection is made 4 weeks later.

#### Revaccination

The first revaccination (third dose) is given 6 months after the primary vaccination course and further revaccination against influenza is carried out once in 12 months.

Revaccinate pregnant mares in the last trimester of pregnancy, no later than one month before the planned delivery.

#### SHELF LIFE

33 months, after the first opening in more doses: 10 hours.

#### STORAGE

Store in a refrigerator (2 °C – 8 °C).

#### PACKAGE

2 × 1 dose, 10 × 1 dose.



Unique combination of current influenza antigens and highly immunogenic strain of EHV-1



## BioEquin FH

### emulsion for injection for horses

#### COMPOSITION

##### Active substances in one dose:

*Virus influenzae equorum inactivatum*, strain:

A/Equi 2/Brno 08 (American type) H3N8 min. 6.0 log<sub>2</sub> HIT<sup>1</sup>  
 A/Equi 2/ Morava 95 (European type) H3N8 min. 6.0 log<sub>2</sub> HIT<sup>1</sup>  
*Herpesvirus equorum inactivatum* (EHV-1)  
 min. 2.1 log<sub>10</sub> VNI<sup>2</sup>

##### Adjuvant(s):

Oil adjuvant (Montanide ISA 35 VG) 0.25 ml  
 Emulsion for injection.

The vaccine is a white, oily liquid with easily shakeable sediment.

#### TARGET SPECIES

Horses.

#### INDICATION

For active immunization of horses to reduce the occurrence of respiratory infection and clinical signs caused by equine influenza virus and equine herpesvirus (EHV-1).

For active immunization to reduce the occurrence of abortions in pregnant mares caused by equine herpesvirus (EHV-1) infection.

##### Onset of active immunity:

14 days after primary vaccination

##### Duration of active immunity:

6 months after revaccination.

#### DOSAGE

Vaccine dose – 1 ml.

The vaccine (1 ml) is applied deep intramuscularly. Before use heat the contents of the vial to a temperature of 15–25 °C and shake well.

##### Vaccination schedule:

##### Primary vaccination against equine influenza and herpesvirus:

The first vaccination at the age of 6 months; the second vaccination 4 weeks later.

##### Revaccination against equine influenza and herpesvirus:

The first revaccination (third dose) is administered 3 months after the primary vaccination and next revaccination is carried out every 6 months.

##### Vaccination of pregnant mares:

To reduce the incidence of abortions caused by equine herpesvirus infection one dose of the vaccine is administered to pregnant mares in the second month after mating and then in the fifth or sixth month and in the ninth month of pregnancy.

#### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 18 months.  
 Shelf-life after first opening the immediate packaging: 10 hours.

#### STORAGE

Store in a refrigerator (2 °C – 8 °C). Protect from light. Store in a dry place.

#### PACKAGE

2 × 1 dose, 10 × 1 dose.



Effective  
combination of  
current influenza  
antigens and  
purified tetanus  
toxoid



# BioEquin FT

## emulsion for injection for horses

### COMPOSITION

**Active substances in one vaccine dose (1 ml) contains:**

*Inactivated virus equine influenza*, strain:

A/Equi 2/ Morava 95 (European type), H3N8 min. 5 log<sub>10</sub> HI<sup>1</sup>  
A/Equi 2/Brno 08 (American type, Florida 2), H3N8 min. 5 log<sub>10</sub> HI<sup>1</sup>

*Tetanus toxoid purified* min. 30 IU<sup>2</sup>

1. geometrical average of specific antibodies determined by haemagglutination inhibition test in serum of guinea pigs

2. International Units; titre of antibodies against toxin induced after repeated vaccination of guinea pigs determined by ELISA method

#### Adjuvant(s):

Aluminium hydroxide hydrated for adsorption 0.2 ml

Suspension for injection. White or yellowish to greyish brown suspension, during storage settle down sediment disperses after shaking.

### TARGET SPECIES

Horses.

### INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES

For active immunization of horses from 6 months of age against equine influenza to reduce clinical signs and excretion after infection, and active immunisation against tetanus.

**Onset of immunity** has been demonstrated by challenge test for equine influenza strain A/Equi 2/Brno 08, and by serology for strain A/Equi 2/Morava 95.

**Duration of immunity** has been demonstrated by serology for both vaccine influenza strains.

**Influenza:** Onset of active immunity: 14 days after primary vaccination

Duration of active immunity: 6 months after primary vaccination and at least 12 months after the first revaccination (after the third dose).

**Tetanus:** Onset of active immunity: 14 days after primary vaccination

Duration of active immunity: 6 months after primary vaccination and at least 12 months after the first revaccination (after the third dose).

### DOSAGE AND ADMINISTRATION ROUTE

Vaccine dose – 1 ml.

The vaccine (1 ml) is applied deep intramuscularly. Before use heat the contents of the vial to a temperature of 15–25 °C and shake well.

#### Vaccination schedule:

**Primary vaccination:** The first vaccination at the age of 6 months; the second vaccination 4 weeks later.

### Revaccination:

The first revaccination is administered 6 months after the primary vaccination and next revaccination is carried out every 12 months.

Revaccination of pregnant mares in the last trimester of pregnancy is carried out no later than one month before the planned parturition. It is not recommended to use the vaccine BioEquin FT for the revaccination of horses previously vaccinated with the vaccine from another manufacturer or revaccinated the vaccine BioEquin FT by the vaccine of the another manufacturer. Vaccines containing the same strains of equine influenza as BioEquin FT are exceptions.

### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 33 months. Shelf-life after first opening the immediate packaging: 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Protect from frost. Protect from light. Store in a dry place.

### PACKAGE

2 × 1 dose, 10 × 1 dose





Vaccine against abortions cause EHV-1 provides partial cross immunity against EHV- 4



## BioEquin H, emulsion for injection for horses

### Inactivated vaccine against equine herpesvirus EHV-1

#### COMPOSITION

##### Active substances in one dose:

*Herpesvirus equorum inactivatum* (EHV-1)

min. 2.1 log<sub>10</sub> VNI<sup>1</sup>

##### Adjuvant(s):

Oil adjuvant (Montanide ISA 35 VG)

0.25 ml

Emulsion for injection.

The vaccine is a oily liquid, creamy white, yellowish or pale pink colour, with easily shakeable sediment.

#### TARGET SPECIES

Horses.

#### INDICATION

For active immunization of horses to reduce the occurrence of respiratory infection and clinical signs caused by equine herpesvirus (EHV-1) and to reduce the occurrence of abortions in pregnant mares caused by equine herpesvirus (EHV-1) infection.

##### Onset of active immunity:

14 days after primary vaccination

##### Duration of active immunity:

6 months after revaccination

##### **Use during pregnancy, lactation or lay**

Can be used during pregnancy. The safety of the veterinary medicinal product has not been established during lactation.

#### DOSAGE

Vaccine dose – 1 ml.

The vaccine (1 ml) is applied deep intramuscularly.

Before use heat the contents of the vial to a temperature of 15–25 °C and shake well.

#### Vaccination schedule

##### **Primary vaccination:**

The first vaccination at the age of 6 months; the second vaccination 4 weeks later.

##### **Revaccination:**

The first revaccination (third dose) is administered 3 months after the primary vaccination and next revaccination is carried out every 6 months.

##### **Vaccination of pregnant mares:**

To reduce the incidence of abortions caused by equine herpesvirus infection one dose of the vaccine is administered to pregnant mares in the second month after mating and then in the fifth or sixth month and in the ninth month of pregnancy.

#### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 18 months.

Shelf-life after first opening the immediate packaging: 10 hours.

#### STORAGE

Store in a refrigerator (2 °C – 8 °C). Protect from light. Store in a dry place.

#### PACKAGE

2 × 1 dose, 10 × 1 dose.

Safe toxoid vaccine  
for long-term  
protection  
against  
tetanus



# CLOTEID 4 suspension for injection

## Vaccine against tetanus

### COMPOSITION

Active substance in one dose:

*Anatoxinum tetanicum purificatum*

RP  $\geq$  1

**Adjuvants:**

*Algeldrati suspensio*

0,1 ml

**Excipients:**

*Thiomersalum*

0,15 mg

Suspension for injection.

### TARGET SPECIES

Horses, cattle, sheep, goats and dogs.

### INDICATION

For the active immunization of horses, cattle, sheep, goats and dogs against tetanus from 3 months of age.

Onset of immunity: 14–21 days after basic vaccination

Duration of immunity: 2 years as a minimum, 4 years in horses

### INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

No information is available on the safety and efficacy of this vaccine when administered concurrently with other veterinary medicinal products. Decision about using this vaccine before or after any other veterinary medicinal product must be based on consideration of individual cases.

### DOSAGE

The vial contents should be shaken before use.

Dose - 1 ml, regardless of age, weight and breed of an individual.

Method of administration: intramuscular into the gluteal muscle. In horses, it is recommended to administer the product by the dry needle method, preferably into the gluteal muscle. In very restless horses, the product may be administered into the cervical or breast muscle.

### Basic vaccination:

2 doses at an interval of 3 weeks for animals older than 3 months of age.

### Revaccination:

Revaccination is recommended after two years, in horses after 4 years. In indicated cases another booster dose can be administered earlier.

### SHELF-LIFE

36 months

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Keep in a dry room. Protect from light.

### PACKAGE

2 × 1 ml, 10 × 1 ml, 20 × 1 ml



Effective  
combination  
of three  
influenza  
antigens



# FLUEQUIN

## injection suspension, for horses

### COMPOSITION

#### Active substance in one dose:

Virus influenza A/Equi 1/Praha 56 inactivated, min. 160 HAU  
Virus influenza A/Equi 2/Morava 95 (European type) inactivated, min. 320 HAU  
Virus influenza A/Equi 2/Brno 97 (American type) inactivated, min. 320 HAU  
Injection suspension.

### TARGET SPECIES

Horse.

### INDICATION

Preventive vaccination of horses against influenza.  
Onset of immunity: Solid immunity starts 21 days following revaccination.  
Duration of immunity: 6 months after primary vaccination course.

### DOSAGE

1 ml deep intramuscularly.

#### Primary vaccination course

Primary vaccination course: First injection at the age of 3 to 6 months, second injection is made 4 to 6 weeks later.

#### Revaccination

The first revaccination (third dose) is given 6 months after the primary vaccination course. Further revaccinations take place at 6 to 12-month intervals depending on the infection situation.

Revaccinate pregnant mares in the last trimester of pregnancy, no later than one month before the planned delivery.

Note: In the case of foals born from mares demonstrably vaccinated before the delivery we recommend to vaccinate the foals at the age of 6 months due to the colostral immunity.

### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale 36 months.  
Shelf life after the first opening in more doses: 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C).

### PACKAGE

2 × 1 dose, 10 × 1 dose.



Combination  
of influenza  
antigens and  
tetanus toxins  
for yearly  
revaccination



# FLUEQUIN T

## injection suspension, for horses

### COMPOSITION

#### Active substance in one dose:

Virus influenza A/Equi 1/Praha 56 inactivated, min. 160 HAU  
Virus influenza A/Equi 2/Morava 95 (European type) inactivated, min. 320 HAU  
Virus influenza A/Equi 2/Brno 97 (American type) inactivated, min. 320 HAU  
Tetanus anatoxin, purified min. 150 IU  
Injection suspension.

### TARGET SPECIES

Horse.

### INDICATION

Preventive vaccination of horses against influenza and tetanus.  
**Onset of immunity:** Solid immunity comes within 14 to 21 days after revaccination  
**Duration of immunity:** Against influenza for at least 6 months after primary vaccination course and 12 months after first revaccination. Against tetanus 12 months after primary vaccination course.

### DOSAGE

1 ml deep intramuscularly.  
Primary vaccination course

#### Primary vaccination course:

First injection at the age of 3 to 6 months, second injection is made 4 to 6 weeks later.

#### Revaccination

The first revaccination (third dose) is given against influenza 6 months after the primary vaccination course and against tetanus once in 12 months. Further revaccination against influenza and tetanus is carried out once in 12 months. Revaccinate pregnant mares in the last trimester of pregnancy, no later than one month before the planned delivery.

Note: In the case of foals born from mares demonstrably vaccinated before the delivery we recommend to vaccinate the foals at the age of 6 months due to the colostral immunity.

### SHELF LIFE

36 months, after the first opening in more doses: 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C).

### PACKAGE

2 × 1 dose, 10 × 1 dose.



Vaccine for  
successful  
management  
of trichophytosis  
in horses



# TRICHOEQUEN inj. sicc. ad us. vet.

## Vaccine against equine trichophytosis

### COMPOSITION

#### Lyophilisate

Active ingredient in one dose:

*Trichophyton equinum*

min.  $4 \times 10^6$  CFU, max.  $16 \times 10^6$  CFU

#### Solvent

Diluent A 1 ml

### TARGET SPECIES

Horse from the age of 4 months.

### INDICATION

For prophylaxis and therapy of equine trichophytosis.

### USAGE DURING PREGNANCY

The vaccine may be administered to pregnant animals in the whole period of pregnancy without any risk of adverse effects for youth and pregnant animals.

### INTERACTION WITH OTHER MEDICINAL PRODUCTS

Oral or parenteral treatment with antimycotic agents is not recommended together with vaccination.

### DOSAGE

#### Prophylactic:

- foals from the age of four months till the age of twelve months:  $2 \times 2.5$  ml

- horses above twelve months of age:  $2 \times 5$  ml

Interval between vaccination and revaccination is 10–16 days.

#### Therapeutic:

In foals and horses over 4 months twice 5 ml with an interval of 10–16 days. The third application of the vaccine in a therapeutic dose is recommended in case of an extensive affection. 10–16 days after revaccination.

#### Method of administration

Intramuscular, to the neck muscle or the muscles of the rear limb. Vaccination is recommended to the left half of the body and revaccination to the right half of the body.

### SHELF LIFE

18 months, the vaccine must be used within 2 hours after reconstitution.

### STORAGE

Store in a dark and dry place under a temperature of  $2^\circ\text{C} - 8^\circ\text{C}$ .

### PACKAGE

$1 \times 5$  ml,  $5 \times 5$  ml,  $1 \times 25$  ml,  $1 \times 50$  ml.



# FELINE VACCINES

4

Biofel M Plus  
Biofel PCH  
Biofel PCHR



Unique vaccine  
for prophylaxis  
and treatment  
of dermatophytosis



## Biofel M Plus injection suspension for cats

### Vaccine against *Microsporum canis* in cats inactivated

#### COMPOSITION

##### Active substance:

*Microsporum canis* inact. –  
min. 1 million of vegetative  
forms

#### TARGET SPECIES

Cats.

#### INDICATION

For the prevention and therapy  
of dermal mycoses in cats  
induced by the dermatophyte  
*Microsporum canis*. Animals  
should be vaccinated at the age  
of 2 months and above.  
The immunity develops within  
1 month after revaccination  
and persists for at least 1 year.

#### DOSAGE

1 ml of the vaccine can be  
applied to animals aged two  
months and above, regardless  
of the age, weight and race  
of the individual.

**Application:** deep  
intramuscularly into the  
musculature of the pelvis  
extremity or subcutaneously  
behind the blade-bone.  
The vaccination should be carried  
out into the left body side and  
the revaccination into the right  
body side.

**Preventive and therapeutic use:**  
animals shall be vaccinated twice  
at the interval of 10–21 days  
between the first and the second  
vaccination. The third vaccination  
dose can be applied, if necessary  
for therapeutic purposes,  
10–21 days after the  
revaccination.

#### SHELF LIFE

Shelf-life of the veterinary  
medicinal product as packaged  
for sale: 18 months.

#### STORAGE

Store in a refrigerator  
(2 °C – 8 °C). Do not freeze.  
Protect from light. Store in a dry.

#### PACKAGE

2 × 1 ml, 10 × 1 ml, 20 × 1 ml,  
50 × 1 ml, 100 × 1 ml.





Inactivated vaccine  
safe even  
for the chronically  
ill and  
immunodeficient  
cats



## Biofel PCH emulsion for injection for cats

### Vaccine against panleucopenia, calicivirus and herpesvirus infection of cats

#### COMPOSITION

##### Active substance:

*Virus panleucopeniae*

*contagiosae felis*

*inactivatum* RP  $\geq 1$

*Calicivirus felis*

*inactivatum* RP  $\geq 1$

*Herpesvirus felis*

*inactivatum* RP  $\geq 1$

RP = Relative potency (ELISA test) by comparison with reference serum obtained from guinea pigs after vaccination with vaccine batch conforming to challenge test on target animal.

Oil adjuvant  
(Emulsigen) ad 1 ml

#### TARGET SPECIES

Cats.

#### INDICATION

For active immunization against panleucopenia, calicivirus and herpesvirus infection of cats.

The protective immunity is created within 2–4 weeks after revaccination. The duration of immunity is 12 months.

#### AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE

Dose - 1 ml irrespective of age, weight and breed, but not sooner than in the eighth week of age.

**Method of administration:** subcutaneously, preferably in the area behind the shoulder blade.

#### VACCINATION SCHEDULE

##### Basic vaccination

Two vaccinations at intervals of 3–4 weeks. The first vaccination with one dose of vaccine Biofel PCH from age 8 to 10 weeks and the second vaccination with one dose of vaccine Biofel PCH from the age of 3 months.

#### Revaccination

Further regular revaccinations by the vaccine Biofel PCH are carried out in 12-month intervals.

#### SHELF LIFE

24 months.

#### STORAGE

Store in a refrigerator (2 °C – 8 °C). Protect from light. Protect from frost.

#### PACKAGE

2 × 1 dose, 10 × 1 dose,  
5 × 5 doses, 10 × 5 doses,  
20 × 1 dose, 100 × 1 dose,  
1 × 5 doses



A smart  
combination  
with rabies  
in one vial,  
in one shot



# Biofel PCHR emulsion for injection for cats

## Vaccine against feline panleukopenia, herpesvirus and calicivirus infection and rabies

### COMPOSITION

#### Active substance:

<i>Virus panleucopeniae contagiosae felis inactivatum</i>	min. $10^{3.0}$ TCID <sub>50</sub>
<i>Calicivirus felis inactivatum</i>	min. $10^{5.5}$ TCID <sub>50</sub>
<i>Herpesvirus felis inactivatum</i>	min. $10^{5.0}$ TCID <sub>50</sub>
<i>Virus rabiei inactivatum</i>	min 1 IU

### TARGET SPECIES

Cats.

### INDICATION

For active immunization of cats against panleukopenia, calicivirus and herpesvirus infection and rabies.

### DOSAGE

Dose – 1 ml regardless of age, weight and breed of the individual; but not sooner than in the third month of age.

#### Route of administration:

subcutaneously, preferably in the area behind the shoulder blade. Cats are vaccinated from the age of 8 to 10 weeks using Biofel PCHR vaccine.

Revaccination is carried out within 3–4 weeks after the primary vaccination with the vaccine Biofel PCHR. Biofel PCHR vaccine may be administered from the age of 3 months. The onset of protective immunity is 2 to 4 weeks after the revaccination. Further regular revaccinations by the vaccine Biofel PCHR are carried out in 12 month intervals.

### SHELF LIFE

24 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Protect from light. Protect from frost.

### PACKAGE

2 × 1 dose, 10 × 1 dose, 5 × 5 doses, 10 × 5 doses, 20 × 1 dose, 100 × 1 dose, 1 × 5 doses.

# POULTRY VACCINES

## **LIVE VACCINES**

ORNIBRON H120 CLONE  
ORNIBRON H120 + D274  
ORNIBUR Intermediate  
ORNIBUR Intermediate Plus  
ORNIMIX CLONE B1-Hitchner + H 120  
ORNIPEST CLONE  
ORNIPRIM CLONE B1  
SALGEN

## **INACTIVATED VACCINES**

ORNIDUCK  
ORNIVAC EDS  
ORNIVAC ND  
ORNIVAC ND+GO  
ORNIVAC ND+GO+IB+EDS  
ORNIVAC ND+IB2+EDS  
PMV-Salmovac

5



Live attenuated  
freeze-dried  
vaccine against  
Infectious  
Bronchitis



# ORNIBRON H120 CLONE

## lyophilizate for suspension for domestic fowl

### COMPOSITION

Each dose of the vaccine contains infectious Bronchitis virus strain H 120  $10^3 - 10^{5.3}$  EID<sub>50</sub>.

### TARGET SPECIES

Broilers, breeders and commercial layers.

### INDICATIONS

Active immunization against infectious bronchitis.

### DOSAGE AND ADMINISTRATION

Chickens could be vaccinated since the age of day-one by spray on chickens, by eye drop or into the nostril (dilute the vaccine in purified distilled water or water for injection).

For oral vaccination chickens should develop the habit of water consumption from drinkers; dilute the vaccine in fresh drinking water and provide to birds in an appropriate drinking system.

### SHELF LIFE

30 months

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

10 vials each containing 500, 1000, 2500 and 5000 doses.



Live attenuated  
freeze-dried  
vaccine against  
Infectious  
Bronchitis  
containing two  
strains



# ORNIBRON H120 + D274

lyophilizate for the preparation of suspension for domestic fowl

## COMPOSITION

Each dose of the vaccine contains infectious bronchitis virus (IB) strain H120  $10^{3.0} - 10^{4.8}$  EID<sub>50</sub> and strain D247  $10^{3.0} - 10^{4.8}$  EID<sub>50</sub>, respectively.

## TARGET SPECIES

Broilers, breeders and commercial layers.

## INDICATIONS

Active immunization of chickens since the age of day-one against Infectious Bronchitis caused by Massachusetts serotype strains of infectious bronchitis virus and/or variant strain belonging to D274 protectotype.

## DOSAGE AND ADMINISTRATION

Since the age of day-one by spray on chickens, by eye drop or into the nostril (dilute the vaccine in purified distilled water or water for injection).

For oral vaccination dilute the vaccine in fresh drinking water and provide in an appropriate drinking system.

## SHELF LIFE

33 months.

## STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

## PACKAGING

10 vials each containing 1000, 2500 and 5000 doses of the vaccine.



Live attenuated  
freeze-dried  
intermediate  
vaccine against  
Infectious Bursal  
Disease (Gumboro  
Disease)



# ORNIBUR Intermediate

## lyophilisate for suspension for domestic fowls

### COMPOSITION

Each dose of the vaccine contains Infectious Bursal Disease Virus, Bio OP-23  $10^{4.0} - 10^{5.2}$  TCID<sub>50</sub>.

### TARGET SPECIES

Broilers, breeders and commercial layers.

### INDICATIONS

Active immunization of chickens against Infectious Bursal Disease (IBD).

### DOSAGE AND ADMINISTRATION

Dilute the vaccine in fresh drinking water and provide to chickens using an appropriate drinker.

When low or no maternal antibody is detected or in farms endangered with potential infection, vaccination can be performed as early as the age of 7 to 15 days. Revaccinate 1–2 weeks after primary vaccination.

### SHELF LIFE

24 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

10 vials each containing 500, 2000 and 5000 doses.



Live attenuated  
freeze-dried  
Intermediate Plus  
vaccine against  
Infectious Bursal  
Disease (Gumboro  
Disease)



# ORNIBUR Intermediate Plus

lyophilizate for the preparation of suspension for domestic fowl

## COMPOSITION

Each dose of the vaccine contains infectious Bursal Disease Virus, strain IBDV OP-1, min.  $10^{4.0} - 10^{5.2}$  TCID<sub>50</sub>.

## TARGET SPECIES

Broilers, breeders and commercial layers.

## INDICATIONS

Active immunization of chickens from the age of day-7 against IBD. The vaccine has the capacity of breaking through maternal antibodies, hence it can be recommended for a relatively early age vaccination when the farm's epidemiological situation requires.

Ornibur Intermediate Plus vaccine is particularly recommended for flocks endangered with very virulent strain of IBD virus.

## DOSAGE AND ADMINISTRATION

Dilute the vaccine in fresh drinking water and provide to chickens using an appropriate drinker.

Primary vaccination 7–21 days of age, in infection endangered flocks since the age of 7 days. Revaccinate 1–2 weeks after primary vaccination.

## SHELF LIFE

24 months.

## STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

## PACKAGING

10 vials each containing 500, 1000, 2500 or 5000 doses.



Live attenuated  
freeze-dried  
bivalent vaccine  
against Newcastle  
Disease and  
Infectious  
Bronchitis



# ORNIMIX CLONE B1-Hitchner + H 120

## lyophilizate for the preparation of suspension for chickens

### COMPOSITION

Each dose contains attenuated strains of Newcastle Disease virus Bio 52, NDV B1  $10^{6.0} - 10^{7.5}$  EID<sub>50</sub> and Infectious Bronchitis virus Bio 53, IBV H 120  $10^{3.0} - 10^{4.8}$  EID<sub>50</sub>.

### TARGET SPECIES

Broilers, breeders and commercial layers.

### INDICATIONS

Intended for administration to healthy chickens as an aid to prevent Infectious Bronchitis and Newcastle Disease.

Advantage of incorporating both vaccines into a single vaccine is to:

- reduce double vaccination stress on chickens,
- reduce cost and work load of double vaccination,
- provide reasonable gap for other vaccines,
- protect chickens from an early age infection by both disease agents.

### DOSAGE AND ADMINISTRATION

The vaccine is administered to day-old chickens by spraying or by drinking water.

For water vaccination, dilute the vaccine in fresh drinking water and provide to chickens using an appropriate drinker. Revaccination can be performed after 4 weeks and 6 weeks following spray or via drinking water vaccination, respectively.

### SHELF LIFE

24 months

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

10 vials each containing 200, 1000, 2500 and 5000 doses.





Live attenuated  
freeze-dried  
vaccine of LaSota  
strain against  
Newcastle  
Disease



# ORNIPEST CLONE

## lyophilisate for suspension for domestic fowls

### COMPOSITION

Each dose of the vaccine contains Newcastle Disease Vaccine strain La Sota SL 93  $10^{6.0} - 10^{8.0}$  EID<sub>50</sub>.

### TARGET SPECIES

Broilers, breeders and commercial layers.

### INDICATIONS

Intended for administration to healthy chickens as an aid to prevent Newcastle Disease.

### DOSAGE AND ADMINISTRATION

Spray on day-old chickens or install droplet into the eye or nostril (dilute the vaccine in purified distilled water or water for injection).

For oral vaccination dilute the vaccine in fresh drinking water.

### SHELF LIFE

30 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

10 vials each containing 200 doses, 500 doses, 1000 doses and 2500 doses.



Live attenuated  
freeze-dried  
vaccine  
of lentogenic strain  
against Newcastle  
Disease



# ORNIPRIM CLONE B1

lyophilizate for the preparation of suspension for chickens

## COMPOSITION

Each dose of the vaccine contains Newcastle Disease virus strain Hitchner (B1) Bio 52 NDV B1  
 $10^{6.0} - 10^{7.5}$  EID<sub>50</sub>.

## INDICATIONS

Intended for primary vaccination of healthy chickens as an aid to prevent Newcastle Disease. Depending on the epidemiological condition of the farm chickens can be re-vaccinated with Orniprim Clone or Ornipest Clone.

## TARGET SPECIES

Broilers, breeders and commercial layers.

## DOSAGE AND ADMINISTRATION

Day-old chickens can be vaccinated by spraying using spray cabinet. The vaccine can also be applied into the nostril or by eye drop. For the eye and nose droplets, the vaccine should be diluted in purified distilled water or water for injection. Another way of mass vaccination is application via fresh drinking water.

## SHELF LIFE

30 months.

## STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

## PACKAGING

10 vials each containing 200 doses, 500 doses, 1000 doses and 2500 doses.

Live attenuated  
freeze-dried  
vaccine against  
salmonellosis



# SALGEN

## Vaccine against avian salmonellosis, attenuated

### COMPOSITION

Attenuated *Salmonella typhimurium*  $2 \times 10^6 - 3.8 \times 10^7$  CFU in a stabilizer. Oral lyophilisate to be reconstituted with fresh drinking water for oral vaccination.

### TARGET SPECIES

Gallinaceous species (domestic fowl, water fowl, pheasants and pigeons).

### INDICATIONS

Active immunization against salmonella serotypes group B and D to reduce faecal shedding of *S. typhimurium* and colonization of internal organs with the bacterium.

### DOSAGE AND ADMINISTRATION

The lyophilised vaccine is diluted in an appropriate volume of fresh drinking water and administered orally via drinking water.

### SHELF LIFE

24 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

20 ml and 50 ml vials either per 1 vial or 5 vials packed in a box. For dosage information see product leaflet.



Inactivated oil emulsion vaccine against Duck Infectious Hepatitis



# ORNIDUCK

## emulsion for injection for ducks

### COMPOSITION

Each dose of the vaccine contains *Virus hepatitis infectiosae anatum inactivatum* min.  $10^{5.0}$  KELD<sub>50</sub>.

### TARGET SPECIES

Ducks.

### INDICATIONS

For active immunization of mature ducks in a breeding and production flocks. Ducklings from vaccinated ducks receive passive immunity that protects them from early age infection.

### DOSAGE AND ADMINISTRATION

0.5 ml of the vaccine is inoculated intramuscularly into the breast muscle.

### SHELF LIFE

24 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

100 ml bottle each containing 200 doses packed either singly or in a pack of 12 or 20 bottles. 250 ml bottle containing 500 doses. 500 ml bottle containing 1000 doses.



Inactivated oil emulsion vaccine against Egg Drop syndrome



# ORNIVAC EDS

## emulsion for injection for domestic fowl

### COMPOSITION

Each dose of the vaccine contains inactivated adenovirus EDS strain min. 1,000 HAU.

### TARGET SPECIES

Broiler breeders and layers.

### INDICATIONS

Active immunization of parent flocks against EDS. Vaccinated parents subsequently pass to their progenies immunity against EDS.

### DOSAGE AND ADMINISTRATION

0.5 ml of the vaccine is inoculated intramuscularly into the breast muscle. Usually pullets are vaccinated 2–4 weeks before point of lay (16–20 weeks of age).

### SHELF LIFE

12 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

Bottles of 50 ml – 150 doses,  
100 ml – 300 doses,  
250 ml – 750 doses,  
500 ml – 1500 doses.



Inactivated oil emulsion monovalent vaccine against Newcastle Disease



# ORNIVAC ND

## emulsion for injection for domestic fowl

### COMPOSITION

One dose of 0.3 ml of the vaccine contains an inactivated pseudopestis avium, strain NDV SL-93 at a concentration of  $> 4 \log_2$  HIT.

### TARGET SPECIES

Broiler breeders and layers.

### INDICATIONS

Active immunisation of poultry against Newcastle disease. To be used as a booster after previous administration of a live vaccine. Immunity starts not later than 14 days after vaccination and lasts until the end of lay. The onset and duration of immunity were proved serologically.

### DOSAGE AND ADMINISTRATION

Individual application to each pullet by injection of the vaccine into the breast muscle. For each bird the volume of 0.3 ml is applied using a sterile needle.

Usually vaccination is performed since the age of 16 weeks, about 4 weeks before pullets are transferred to the egg laying house. Ornivac ND is the best booster of immunity against ND when the vaccine is applied to chickens that are primed with the corresponding live vaccine. Immunity persists until the end of the egg laying period.

### SHELF LIFE

18 months from the date of manufacture and 10 hours, if the vaccine is opened for use, provided the vaccine is kept under the recommended temperature ( $2^\circ\text{C} - 8^\circ\text{C}$ ).

### STORAGE

Store in a refrigerator ( $2^\circ\text{C} - 8^\circ\text{C}$ ). Do not freeze. Store in a dry place protected from light.

### PACKAGING

240 ml vial containing 800 doses  
480 ml bottle containing 1600 doses  
Individual packaging:  
1 × 800 doses, 1 × 1600 doses  
Multiple packaging, in cartons:  
10 × 800 doses,  
10 × 1600 doses



Inactivated oil emulsion bivalent vaccine against Newcastle Disease and Infectious Bursal Disease



# ORNIVAC ND+GO

## emulsion for injection for domestic fowl

### COMPOSITION

Each dose of the vaccine contains:

- 1) Paramyxovirus pseudopestis avium ante inactivatum  
min.  $10^{8.0}$  EID<sub>50</sub>
- 2) Virus bursitidis infectiosae avium ante inactivatum  
min.  $10^{6.3}$  TCID<sub>50</sub>.

### TARGET SPECIES

Broiler breeders and layers.

### INDICATIONS

Immunization of broiler breeder pullets and layers. Vaccinated parents subsequently pass to their progenies immunity against ND and IBDV

### DOSAGE AND ADMINISTRATION

A dose of 0.3 ml is inoculated intramuscularly into the breast muscle or subcutaneously at the back of the neck. Usually pullets are vaccinated 2–4 weeks before onset of the egg laying period. Primary vaccination with the corresponding live vaccine is recommended (ND, IBDV).

### SHELF LIFE

18 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

Bottles of 50 ml – 100 doses,  
100 ml – 200 doses,  
250 ml – 500 doses,  
500 ml – 1000 doses.



Inactivated oil emulsion quadrivalent vaccine against Newcastle Disease, Infectious Bursal Disease, Infectious Bronchitis and Egg drop syndrome



# ORNIVAC ND+GO+IB+EDS

## emulsion for injection for domestic fowl

### COMPOSITION

Each dose of the vaccine contains:

- Paramyxovirus pseudopestis avium, NDV strain SL-93  
min.  $10^{8.6}$  EID<sub>50</sub>
- Virus bursitidis infectiosae avium ante inactivatum, IBDV strain OP-23 strain  
min.  $10^{6.6}$  TCID<sub>50</sub>
- Virus bronchitidis infectiosae avium ante inactivatum, IBV strain M-41 strain  
min.  $10^{6.8}$  EID<sub>50</sub>
- Adenovirus EDS 76 ante inactivatum min. 1000 HAU.

### TARGET SPECIES

Broiler breeders and layers.

### INDICATIONS

Immunization of broiler breeder pullets and commercial layers in order to protect them from ND, IB, IB and EDS. Vaccinated layers then pass protective immunity against ND, IB, IB and EDS to their offspring via the egg.

### DOSAGE AND ADMINISTRATION

A dose of 0.5 ml is inoculated intramuscularly into the breast muscle or subcutaneously at the back of the neck. Usually pullets are vaccinated 2–4 weeks before onset of the egg laying period. Primary vaccination with the corresponding live vaccine is recommended.

### SHELF LIFE

18 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

In bottles of  
50 ml – 100 doses,  
100 ml – 200 doses,  
250 ml – 500 doses,  
500 ml – 1000 doses.





Inactivated oil emulsion trivalent vaccine against infectious bronchitis, Newcastle Disease and Egg Drop syndrome



# ORNIVAC ND+IB<sub>2</sub>+EDS

## emulsion for injection for domestic fowl

### COMPOSITION

Each dose of the vaccine contains

- a) Newcastle Disease Virus strain SL-93, min. 24 HIU,
- b) 2 strains of Infectious Bronchitis Virus (IBV M-41 – min. 2<sup>6.2</sup> HIU and IBV D 274, min. 2<sup>6.3</sup>).
- c) Adenovirus EDS strain Bio 56, min. 2<sup>6.5</sup> HIU.

### TARGET SPECIES

Broiler breeders and layers.

### INDICATIONS

Active immunization of parent flocks and layers to induce immunity against ND, IB serotype Massachusetts and strain D274 and EDS. Vaccinated parents subsequently pass to their progenies immunity against ND, IBDV and EDS.

### DOSAGE AND ADMINISTRATION

0.5 ml of the vaccine is inoculated intramuscularly into the breast muscle. Usually pullets are vaccinated 2–4 weeks before point of lay (16–20 weeks of age).

### SHELF LIFE

18 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

Bottles of 50 ml – 100 doses,  
100 ml – 200 doses,  
250 ml – 500 doses,  
500 ml – 1000 doses.



Inactivated oil emulsion bivalent vaccine against Pigeon Paramyxovirus and salmonellosis



# PMV-Salmo-Vac

## emulsion for injection for pigeons

### COMPOSITION

*Salmonella typhimurium subsp. copenhagen*, strain 1, 4, 12 : i : 1, 2, inactivatum RP  $\geq 1^*$

Paramyxovirus pseudopestis avium, strain NDV SL-93, inactivatum RP  $\geq 1^*$

\*RP = Relative potency (ELISA test) compared with the reference serum obtained after vaccination of mice with a vaccine batch that has successfully passed the challenge test on the target species.

### TARGET ANIMAL SPECIES

Pigeons.

### INDICATIONS

For active immunization of pigeons against paraxymovirus (ND) and salmonellosis since the age of 3 weeks. The salmonellosis part of the vaccine helps to reduce colonization of the gastrointestinal tract and excretion of the strains *S. typhimurium var. Copenhagen*, *S. enterica subsp. Enterica serovar typhi*, *S. paratyphi A*, *S. hirschfeldii (S. paratyphi C)*, *S. anatum*, *S. senftenberg* via faeces.

### DOSAGE AND ADMINISTRATION

0.3 ml of the vaccine is applied subcutaneously in the back of the neck. Primary vaccination of young pigeons takes place at 3–4 weeks of age and revaccination at an interval of 4 weeks. The second vaccination should not be applied later than 3 weeks before flight or exhibition. Adult pigeons which have already been vaccinated with PMV-Salmo-Vac should be revaccinated annually and 2–3 weeks before mating.

### SHELF-LIFE

18 months.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze. Store in a dry place protected from light.

### PACKAGING

Vials of 10 ml, 20 ml, and 50 ml each containing 25, 60 and 150 doses, respectively.

**Not all packaging sizes are available in certain market territories**

# RABBIT VACCINES

6

MYXOREN  
PASORIN-OL  
PESTORIN  
PESTORIN MORMYX  
TRICHOPELEN



Vaccine containing immunogenic strain of poxvirus for three way of administration



# MYXOREN

lyophilisate and solvent for parenteral use

## Vaccine against myxomatosis vivid MXT

### COMPOSITION

*Poxvirus myxomatosa* attenuatum min.  $10^{3.3}$  TCID<sub>50</sub>  
max.  $10^{5.8}$  TCID<sub>50</sub>  
Diluent A - *Natrii chloridum* – 8.34 mg, *Kalii chloridum* – 0.21 mg, *Natrii hydrogenophosphas* – 2.47 mg, *Kalii dihydrogenophosphas* – 0.21 mg, *Aqua pro injectione* ad 1.0 ml.

Lyophilisate and solvent for parenteral use.  
For rabbits.

### INDICATIONS

Preventive vaccination of clinically healthy rabbits against myxomatosis.

### ADMINISTRATION ROUTE AND DOSAGE

The vaccine can be either injected into an auricle using a special double needle or applied subcutaneously in a backbone region or a needless applicator (does 0.1 or 0.2 ml).

The single-dose package intended for a subcutaneous application contains 1 ml of the diluent. If the vaccine is to be injected

into an auricle, 1.5 ml and 0.8 ml of the diluent is contained in the package that is sufficient for 100 doses and 50 doses, respectively.

In subcutaneous application, the amount of diluent is 20 ml or 10 ml and it represents 20 doses or 10 doses s.c.

In application using the needless applicator with the dose of 0.2 ml, the amount of diluent is 20 ml or 10 ml and it represents 80 or 40 needles doses. When using needles applicator with 0.1 ml dose, the amount of diluent is 10 ml or 5 ml and such diluted vaccine represents 100 or 50 doses.

Antibodies obtained from mothers inhibit the vaccination effect; the animals should not be therefore vaccinated earlier than at the age of 4 weeks. In case of the single vaccination performed at the age of 10 weeks and above the immunity lasts for at least 6 months. If an animal is immunized earlier than at the age of 10 weeks, it should be revaccinated 6 weeks later and

the immunity then lasts for at least 6 months. The next revaccination should be performed not later than 6 months after the last vaccination.

Two vaccinations a year, namely, the vaccination in springtime and the revaccination during summer, should be preferably performed in breeding rabbits in regions with unfavourable infection conditions.

### SHELF LIFE

2 years, the vaccine shall be consumed within 4 hours since its dilution!

### STORAGE

Store in a dry and dark place at a temperature of 2 to 8 °C.

### PACKAGE

1 × 10, 5 × 10, 5 × 20 subcutaneous doses, 1 × 40, 1 × 80, 1 × 50, 1 × 100, 5 × 40, 5 × 80, 5 × 50, 5 × 100 needless dose, 1 × 50, 1 × 100, 5 × 50, 5 × 100 doses applied with double needle.

Single-dose packages: 1 × 1, 5 × 1, 10 × 1 subcutaneous dose.



Simple protection  
against difficultly  
treatable infection  
of respiratory  
tract



## PASORIN-OL inj. ad us. vet.

### Vaccine against rabbit pasteurellosis

#### COMPOSITION

##### Suspension:

Suspension *Pasteurella multocida*  
A, D min. 1. 10<sup>10</sup>

Adjuvant: *Emulsio olei*  
ad 1.0 ml

#### INDICATION

The vaccine serves for rabbit  
pasteurellosis  
immunoprophylaxis.

#### USE DURING PREGNANCY, LACTATION

14 days after vaccination and  
within 14 days after  
revaccination, doe rabbits may  
show a lower rate of pregnancy  
(up to 15 %). Other negative  
influences on pregnancy and  
lactation were not observed.  
Interaction with other medicinal  
products and other forms  
of interaction

The vaccine may be administered  
simultaneously with Pestorin-  
Mormyx inj.sicc.a.u.v. vaccine.

#### DOSAGE

Rabbits between 4<sup>th</sup> and 6<sup>th</sup> week  
of age 0.5 ml  
Rabbits over 7<sup>th</sup> week of age 1 ml

Recommended vaccination  
schedule:

- the 1<sup>st</sup> vaccination dose  
in the 4<sup>th</sup> week of age,
- the 2<sup>nd</sup> vaccination dose  
in the 7<sup>th</sup> week of age,
- the 3<sup>rd</sup> vaccination dose  
in the 10<sup>th</sup> week of age  
(breeding rabbits).

Further regular immunization  
always with one vaccine dose  
every 6 months.

When vaccinating older rabbits  
for the first time, immunize twice  
at an interval of 3 weeks, further  
regular immunizations with one  
vaccine dose every 6 months.

#### MODE OF ADMINISTRATION

Subcutaneous.

#### SHELF LIFE

1 year, after the first opening  
within 10 hours

#### STORAGE

Store in a dry and dark place  
at temperatures between  
2 and 8 °C.  
Do not freeze.

#### PACKAGE

1 × 20 ml, 1 × 100 ml



Safe inactivated  
vaccine for easy  
subcutaneous  
administration  
against RHD



## PESTORIN suspension for injection for rabbit Vaccine against Rabbit Haemorrhagic Disease

### COMPOSITION

Active substance in one dose:  
*Calicivirus septemiciae*  
*haemorrhagiae cuniculi* (solution  
organorum) – min. 128 HA  
Adjuvant: Aluminium hydroxide  
hydrated for adsorption.

### INJECTION

For rabbits.

### INDICATION

For preventive vaccination  
of healthy rabbits against viral  
haemorrhagic disease of rabbits.

### USE DURING PREGNANCY, LACTATION OR LAY

Can be used during pregnancy.  
It is not recommended to  
vaccinate doe rabbits in the last  
week of pregnancy due to hazard  
of abortion by a strong grip.

### INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

Combination of vaccines –  
concurrently with subcutaneous  
application of the vaccine against  
RHD the any application of  
a vaccine against myxomatosis  
(live MXT – according to enclosed  
Package Insert for the Vaccine  
against myxomatosis is possible.  
The vaccine shall not be mixed  
due to their different  
characteristics.

### AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE

1 ml subcutaneously, regardless  
of animal weight.

### SHELF LIFE

2 years, after first opening  
the container – 10 hours.

### STORAGE

Store in a dark and cold place at  
temperatures between 2 and 8 °C  
The vaccine shall not be allowed  
to freeze!

### PACKAGE

2 × 1 dose, 5 × 1 dose,  
10 × 1 dose, 1 × 10 doses,  
1 × 20 doses, 5 × 20 doses,  
1 × 50 doses



Protection  
against RHD  
and myxomatosis  
in one shot



# PESTORIN MORMYX

lyophilisate and solvent for suspension for injection

Vaccine against Rabbit haemorrhagic disease and myxomatosis

## COMPOSITION

Active substances in one dose:

**Liquid component:** *Calicivirus septemiciae haemorrhagiae cuniculi (solutio organorum)* – min. 80\*, aluminium hydroxide, thiomersal, buffered saline solution.

\*Titre of hemagglutination inhibition antibodies following vaccination of laboratory animals (rabbit)

**Lyophilized component:** *Poxvirus myxomatosae attenuatum* – min.  $10^{3,3}$  – max.  $10^{5,8}$  TCID<sub>50</sub>, cultivation medium MEM, lyophilization medium.  
Solution for injection.  
For rabbits

## INDICATIONS

For the preventive immunization of clinically healthy rabbits against rabbit haemorrhagic disease and myxomatosis. Rabbits should be vaccinated at the age of 10 weeks.

**Vaccination can be performed earlier in case of adverse infectious conditions, namely, as follows:**

a) Vaccination with the monovalent vaccine against myxomatosis (Myxoren) can be performed at the age of 4 weeks and above followed with the revaccination with the vaccine Pestorin Mormyx that shall be applied not earlier than at the age of 10 weeks. The interval of at least 2 weeks shall be kept between the applications of the vaccines Myxoren and Pestorin Mormyx.

b) Vaccination with the vaccine Pestorin Mormyx can be performed at the age of 6 weeks and above followed by the revaccination performed 4 weeks later.

Next revaccinations with the vaccine Pestorin Mormyx is recommended to be performed in 6-month intervals in breeding animals. Considering the disease seasonal incidence, animals should be vaccinated (re-vaccinated) in time to ensure their full immunity during the whole critical period of infection occurrence.

## AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE

Dose: 1 ml regardless of animal size.  
Administration: subcutaneously.

## SHELF LIFE

24 months  
Use the vaccine within 2 hours mixing the components!

## STORAGE

Store in a dry and dark place at 2 to 8 °C. The vaccine do not freeze!

## PACKAGE

1 × 1, 5 × 1, 10 × 1 dose  
1 × 5, 5 × 5, 10 × 5, 1 × 10 dose  
5 × 10, 10 × 10 dose.

For protection  
of animals  
in large rabbits  
farms against  
dermatofytosis



# TRICHOPELEN

lyophilisate for suspension for injection with solvent

Vaccine against trichophytosis in fur-bearing animals

## COMPOSITION

Active substance in one dose:

*Trichophyton mentagrophytes*  
min.  $2 \times 10^5$  CFU,  
max.  $8 \times 10^6$  CFU

## Solvent

Diluent A 1 ml  
Lyophilisate for suspension  
for injection with solvent

## TARGET SPECIES

Silver foxes, arctic foxes, rabbits,  
chinchillas.

## INDICATION

Prophylaxis and therapy  
of trichophytosis in fur-bearing  
animals.

## DOSAGE

The preparation should be  
applied intramuscularly in  
a lumbar or gluteal region.

**Broiler rabbits aged 14 days  
to 6 weeks:**

Prophylactic doses:  $2 \times 0.25$  ml  
Therapeutic doses:  $2 \times 0.25$  ml

Silver foxes, arctic foxes and  
rabbits aged 6 weeks and above:  
Prophylactic doses:

$2 \times 0.5$  ml of the vaccine

Therapeutic doses:

$2 \times 1$  ml of the vaccine

**Chinchillas:**

Prophylactic doses:

animals aged 2–3 months  
 $2 \times 0.25$  ml  
animals aged 3 months  
and above  $2 \times 0.5$  ml

Therapeutic doses:  $2 \times 0.5$  ml

The interval between vaccination  
and revaccination is in broiler  
rabbits aged 14 days to 6 weeks  
5–12 days, for other animals  
8–12 days.

## WITHDRAWAL PERIODS

Meat 6 weeks.

## SHELF LIFE

18 months. The reconstituted  
vaccine shall be consumed within  
2 hours.

## STORAGE

Store and transport refrigerated  
( $2\text{ }^{\circ}\text{C} - 8\text{ }^{\circ}\text{C}$ ). Do not freeze.  
Protect from light. Store in a dry  
place.

## PACKAGE

$1 \times 1$  ml + Diluent A,  
 $5 \times 1$  ml +  $5 \times$  Diluent A,  
 $5 \times 10$  ml +  $5 \times$  Diluent A,  
 $1 \times 50$  ml + Diluent A



# SWINE VACCINES

BIOSUIS APP 2,9,11  
BIOSUIS M.hyo  
BIOSUIS PARVO L (6)  
BIOSUIS PRRS inact Eu+Am  
BIOSUIS Respi E  
ERYPESTEN  
ERYSEN  
ERYSIN SINGLE SHOT  
KOLIERYSIN Neo  
KOLISIN Neo  
PARVOERYSIN  
PARVOSIN-OL  
PESTISEN-C  
POLYPLEUROSIN APX PLUS IM  
RHINISIN DNT  
ROKOVAC NEO  
BIOSUIS PRRS live





Inactivated vaccine against actinobacillosis of pigs caused by dangerous serotypes 2,9,11 with toxoids APX I, II and III with the dose 1 ml only



# BIOSUIS APP 2,9,11

## emulsion for injection for pigs

### COMPOSITION

*Actinobacillus pleuropneumoniae* serovar 2 RP  $\geq 1^*$   
*Actinobacillus pleuropneumoniae* serovars 9, 11 RP  $\geq 1^*$   
 toxoid APX I RP  $\geq 1^*$   
 toxoid APX II RP  $\geq 1^*$   
 toxoid APX III RP  $\geq 1^*$

The vaccine contains inactivated whole-cell antigens of *Actinobacillus pleuropneumoniae* s.2, s.9 and s.11 and toxoids APX I, APX II and APX III. These antigens after parenteral administration cause production of specific antibodies, which help to protect against the consequences of field infection by *Actinobacillus pleuropneumoniae*.

### TARGET SPECIES

Pigs.

### INDICATION

For active immunisation of fattening pigs to mitigate the consequences of infection caused by *Actinobacillus pleuropneumoniae* – the cause of porcine pleuropneumonia.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: piglets from the age of 6 weeks are vaccinated with a dose of 1,0 ml

Application: intramuscularly, preferably to the paraauricular area.

The onset of active immunity 3 weeks after revaccination and the duration of immunity 20 weeks after revaccination.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 50 ml, 100 ml, 250 ml in glass or plastic bottle.



Inactivated vaccine against enzootic pneumonia of pigs with the possibility to use only one dose after 10 days of age.



# BIOSUIS M.hyo

## emulsion for injection for pigs

### COMPOSITION

Active substance:

Inactivated

*Mycoplasma hyopneumoniae*

RP ≥ 1\*

### TARGET SPECIES

Pigs.

### INDICATION

For active immunization of fattening pigs to mitigate the effects of infection with *Mycoplasma hyopneumoniae* – a causative agent of enzootic pneumonia in pigs.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intramuscularly, preferably to the paraauricular area.

The vaccine should be administered according to the following schemes:

- 1) 1 dose should be administered to piglets after 10 days of age.
- 2) In the farms with high infection pressure by *Mycoplasma hyopneumoniae* 2 doses at an interval of 3 weeks can be administered from 7 days of age. Selection of the vaccination scheme depends on knowing the disease incidence on a particular farm. The product stimulates active immunity against *Mycoplasma hyopneumoniae*, thus mitigating the effects of infection with *M. hyopneumoniae* in fattening pigs.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 100 ml, 250 ml in glass or plastic bottle.



Inactivated vaccine against porcine parvovirus and all dangerous serotypes of leptospira including *Leptospira pomona* and *Leptospira bratislava*



# BIOSUIS PARVO L (6)

## emulsion for injection for pigs

### COMPOSITION

Active substance:

*Parvovirus suis* inact. min. 512 HA  
*Leptospira pomona* inact.

min.  $1 \times 10^8$

*Leptospira Hardjo* inact.

min.  $1 \times 10^8$

*Leptospira Bratislava* inact.

min.  $1 \times 10^8$

*Leptospira grippotyphosa* inact.

min.  $1 \times 10^8$

*Leptospira icterohaemorrhagiae*  
inact.

min.  $1 \times 10^8$

*Leptospira canicola* inact.

min.  $1 \times 10^8$

Immunisation induces production of specific antibodies that protect embryos and foetuses of gilts and sows against parvovirus and leptospirosis for the whole period of pregnancy.

The high titres of post-vaccination antibodies in boars prevent parvovirus and leptospira replication in the genitals and reduce the risk of infection transmission during mating.

### TARGET SPECIES

Pigs.

### INDICATION

For preventive vaccination of sows, gilts and boars against porcine parvovirus and leptospirosis. The BIOSUIS PARVO L (6) vaccine can be simultaneously administered with other inactivated vaccines from the product range of the Bioveta, a.s.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2ml

Application: intramuscularly

#### 1) Gilts and sows:

Primovaccination – two vaccine doses – vaccination and revaccination.

Vaccination 4–5 weeks prior to covering and in 2–3 weeks after vaccination is revaccination performed so that it is accomplished 2–3 weeks prior to mating.

Further regular vaccinations always with one vaccination dose 2–4 weeks prior to mating.

#### 2) Boars:

Primovaccination – two vaccine doses – vaccination and revaccination.

Vaccination 4–5 weeks prior to first mating or ejaculate collection and in 2–3 weeks after vaccination a revaccination is performed so that it is accomplished 2–3 weeks prior to first mating or inclusion of the boar to artificial insemination. To maintain immunity, revaccinate always with one vaccination dose within 6 months.

The maximal level of postvaccination antibodies is detected 14 to 28 days after revaccination and these antibodies persist for at least 6 months after the vaccination.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator ( $2^\circ\text{C} - 8^\circ\text{C}$ ). Do not freeze.

### PACKAGE

4 ml, 10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml in glass or plastic bottle.



Inactivated vaccine against PRRS infection combines both known European and American strains



# BIOSUIS PRRS inact Eu+Am

## emulsion for injection for pigs

### COMPOSITION

Active substance:

Inactivated PRRS virus:

PRRS/EU strain

min.  $10^{5.1}$  TCID<sub>50</sub> ≥ RP 1

PRRS/US strain

min.  $10^{5.1}$  TCID<sub>50</sub> ≥ RP 1

### TARGET SPECIES

Pigs (gilts and sows).

### INDICATION

Active immunization of gilts and sows to reduce reproductive disorders and viremia caused by porcine reproductive and respiratory syndrome virus (European and American type). In the herds infected with the PRRS virus the infection is of heterogeneous character and is manifested differently during the time period. In this context, the correctly applied vaccination programme, together with the zoohygienic actions, is an effective tool for improvement of reproductive indicators and for control of the disease.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intramuscularly preferably to the paraauricular area.

The animals (gilts) may be vaccinated before mating from the age of 6 months.

Basic vaccination:

#### 1) Gilts:

Primary vaccination 2x1 dose at an interval of 2–3 weeks, before mating, the third dose on day 60–70 of gestation following the primary vaccination.

#### 2) Sows:

Primary vaccination 2x1 dose at an interval of 2–3 weeks, before mating, areal vaccination of sows in the herd in the shortest possible time interval is recommended, the third dose on day 60–70 of gestation following the primary vaccination.

### REVACCINATION:

Application of 1 dose (2 ml) on day 60–70 in each pregnancy following the basic vaccination. The scope of immunization is at the discretion of a veterinary surgeon and depends also on the specific epizootic situation.

The onset of immunity was demonstrated by challenge 3 weeks after the primary vaccination (i.e. after the administration of three doses) and the duration of immunity demonstrated by challenge was 6 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 50 ml, 100 ml in glass or plastic bottle.



Inactivated  
combined vaccine  
against  
actinobacillosis,  
all forms  
of erysipelas  
and dangerous  
serotypes  
H.parasuis caused  
Glässer disease



# BIOSUIS Respi E

emulsion for injection for pigs

## COMPOSITION

Active substance:

<i>Actinobacillus pleuropneumoniae</i> serovar 2	RP ≥ 1*
<i>Actinobacillus pleuropneumoniae</i> serovars 9, 11	RP ≥ 1*
Apx I toxoid	RP ≥ 1*
Apx II toxoid	RP ≥ 1*
Apx III toxoid	RP ≥ 1*
<i>Erysipelothrix rhusiopathiae</i> (3 strains - type 2, 1 strain - type 1)	RP ≥ 1*
<i>Haemophilus parasuis</i> (serovars 1, 5, 13)	RP ≥ 1*

## TARGET SPECIES

Pigs (pregnant gilts, sows, piglets).

## INDICATION

For active and passive immunization of piglets to prevent infection with erysipelas, reduce infection with *Actinobacillus pleuropneumoniae* and *Haemophilus parasuis* (Glässer's disease) and to reduce clinical symptoms caused by these pathogens.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 1 ml (piglets) or 2 ml (pregnant gilts and sows)  
Application: intramuscularly preferably to the paraauricular area.

### 1) Piglets:

Primary vaccination with a dose of 1 ml from 6 weeks of age and revaccination after 3 weeks

### 2) Sows:

Initial vaccination with a dose 2 ml 6–5 weeks before farrowing and revaccination after 2–3 weeks, but not later than 2 weeks before farrowing  
Booster revaccination with a dose 2 ml regularly 3–2 weeks before each subsequent farrowing  
In the event that the period between two deliveries exceeds 6 months, it is necessary to perform again the initial vaccination and revaccination.

Onset of active immunity 21 days after revaccination and duration of active immunity 20 weeks after revaccination. Duration of passive immunity for the suckling period (i.e. 3 weeks).

For active immunization of sows to prevent infection with erysipelas onset of immunity 21 days after revaccination and duration of immunity 6 months after booster revaccination.

## SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

## STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

## PACKAGE

10 ml, 50 ml, 100 ml and 250 ml in glass or plastic bottle.



Live combined  
vaccine against  
swine erysipelas  
and classical  
swine fever



# ERYPESTEN

inj. sicc. ad us. vet.

## COMPOSITION

Active substance:

*Erysipelothrix rhusiopathiae* -  
minimum  $1 \times 10^9$

Virus of pestis in pigs,  
nonpatogenous –

minimum  $10^5$  PD<sub>50</sub>

Lyophilized culture of the vivid  
attenuated strain of erysipelas  
and nonpatogenous strain of  
classical swine fever in pigs.

## TARGET SPECIES

Pigs.

## INDICATION

For the basic immunization against  
erysipelas and pest. Pigs shall be  
vaccinated not early than at  
the age of 8–9 weeks.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: subcutaneously,  
preferably to the paraauricular  
area.

The first vaccination: pigs over  
8–9 weeks of age.

## Breeding pigs:

Revaccination shall be carried out  
in pigs at the age of 5–6 month  
(before they are included  
in a breeding-stock).

Its onset against classical swine  
fever can be observed 3th day  
after the vaccination and the  
immunity is fully developed 7th  
day after the vaccination.

The vaccine assures the whole-  
life immunity against classical  
swine fever.

Its onset against erysipelas be  
observed 8th – 14th day after  
the vaccination and it lasts  
for 6 months. Nevertheless, in  
order to keep the immunity  
against erysipelas, the  
revaccination with the vaccine  
against erysipelas shall be carried  
out every 6 months.

## WITHDRAWAL PERIOD

Meat – 21 days.

## SHELF LIFE

Shelf life of the veterinary  
medicinal product in intact  
package 18 months and  
the vaccine shall be consumed  
within 3 hours after being  
dissolved.

Note: The vaccine can be applied  
intradermally by means of  
a needless injector during  
the mass examination.

5 × concentrated vaccine shall  
be used in such cases.

The lyophilizate supplied in 20 ml  
vial (with 100 ml marking) shall  
be then diluted only in 20 ml of E  
diluent and 0.2 ml of vaccine shall  
be applied into the skin  
in auricle base.

## STORAGE

Store in a refrigerator  
(2 °C – 8 °C). Do not freeze.

## PACKAGE

20 ml and 100 ml  
with Diluent E.



Live attenuated  
lyophilised vaccine  
against swine  
erysipelas from  
the age  
of 8 weeks



# ERYSEN

inj. sicc. ad us. vet.

## COMPOSITION

Active substance:

*Erysipelothrix rhusiopathiae*  
*attenuatum* – at least  $1 \times 10^7$ ,  
culturing medium, lyophilizing  
medium, diluent A.

## TARGET SPECIES

Pigs.

## INDICATION

Immunization of pigs against  
swine erysipelas with a single  
vaccination dose only.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Subcutaneous: 2 ml

Lyophilizate dissolution:

For the subcutaneous application  
of the vaccine the lyophilizate is  
re-hydrated with the full volume  
of the enclosed Diluent A.

Intradermal: 0.1 ml or 0.2 ml  
(depending on the dissolution  
of the lyophilizate when intended  
for use in a needle-less  
applicator).

Lyophilizate dissolution:

For the intradermal application  
of the vaccine the lyophilizate is  
re-hydrated as follows:

- 20 ml packing (of the lyophilized  
constituent) diluted in 4 ml of  
Diluent A – the dose 0.2 ml i.d.
- 20 ml packing (of the lyophilized  
constituent) diluted in 2 ml of  
Diluent A – the dose 0.1 ml i.d.
- 100 ml packing (of the  
lyophilized constituent) diluted  
in 20 ml of Diluent A – the dose  
0.2 ml i.d.
- 100 ml packing (of the  
lyophilized constituent) diluted  
in 10 ml of Diluent A – the dose  
0.1 ml i.d.

### 1) Pigs intended for fattening:

Should be vaccinated at the age  
between 8 weeks and 9 weeks  
(animals weighing 15–20 kg of  
body weight). The vaccine  
protects animals for the whole  
fattening period.

### 2) Pigs intended for breeding:

Primary vaccination should  
be performed at the age  
of 8–9 weeks (animals weighing  
15–20 kg of body weight) and  
revaccination at the age of  
5–6 months.

The revaccination should be  
repeated always at the period  
of 6 months.

The immunity onset comes  
one day 8–14 following the  
vaccination and lasts  
for 6 months.

## WITHDRAWAL PERIOD

Meat – 21 days.

## SHELF LIFE

Shelf life of the veterinary  
medicinal product in intact  
package 2 years and the vaccine  
shall be consumed within 3 hours  
after being dissolved.

## STORAGE

Store in a refrigerator  
(2 °C – 8 °C). Do not freeze.

## PACKAGE

20 ml and 100 ml with Diluent A.





Inactivated vaccine against all form of swine erysipelas with a single vaccination dose only



# ERYSIN SINGLE SHOT

emulsion for injection for pigs

## COMPOSITION

Active substance:

*Erysipelothrix rhusiopathiae* inact. (3 strains – type 2, 1 strain – type 1) – min.  $1 \times 10^{10}$ , nutrimentum ad cultivationem, emulsio olei, formalin, merthiolate.

## TARGET SPECIES

Pigs.

## INDICATION

For immunization of pigs against all of forms porcine erysipelas including septicemic form too.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: subcutaneously, preferably to the paraauricular area.

**The first vaccination:** pigs over 8 weeks of age.

**Breeding pigs:** another vaccination and revaccination always after 6 months. Immunity is fully developed 21 days after the vaccination and persists for 6 months.

## SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and after the first opening of the immediate packaging 10 hours.

## STORAGE

Store in a refrigerator ( $2^{\circ}\text{C} - 8^{\circ}\text{C}$ ). Do not freeze.

## PACKAGE

10 ml, 20 ml, 50 ml, 100 ml in glass or plastic bottle.



Inactivated combined vaccine against intestinal coli infections in suckling piglets and all forms of swine erysipelas



# KOLIERYSIN NEO

emulsion for injection for pigs

## COMPOSITION

Active substance:

*Escherichia coli* inactivata  
(F4) RP ≥ 1

*Escherichia coli* inactivata  
(F5) RP ≥ 1

*Escherichia coli* inactivata  
(F6) RP ≥ 1

*Escherichia coli* inactivata  
(F41) RP ≥ 1

*Erysipelothrix rhusiopathiae*  
inact. RP ≥ 1  
(3 strains – type 2,1 strain – type 1)

## TARGET SPECIES

Gilts and pregnant sows.

## INDICATION

For the protection against erysipelas in sows, and against enteric coli-infections in piglets.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intramuscularly preferably to the paraauricular area.

## Basic vaccination:

Sows and gilts should be administered not later than 5 weeks before the expected farrowing with the single dose of the vaccine KOLIERYSIN NEO. In order to protect piglets against enteric coli infections (via the colostric and lactogenic way by suckling from the immunized mother) the revaccination with the single dose of the vaccine KOLISIN NEO shall be performed 10–14 days later.

This revaccination should be performed not later than 14 days before the expected delivery.

## Revaccination:

Shall be repeated 2–3 weeks before the each next expected farrowing.

After being applied intramuscularly into the body of a vaccinated individual, the antigens contained in the vaccine activate the immunity system and antibody formation.

Piglets are protected against the illness for the period of suckling from an immunized mother. The onset of the immunity against erysipelas comes within 21 days following the vaccination and lasts for 6 months.

## SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and after the first opening of the immediate packaging 10 hours.

## STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

## PACKAGE

5 ml, 10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml in glass or plastic bottle.



Inactivated vaccine against enteric-coli infections of piglets containing frequent enterotoxigenic prevalent serovars of E.coli with LT thermolabile enterotoxins production



# KOLISIN NEO

## emulsion for injection for pigs

### COMPOSITION

Active substance:

*Escherichia coli* inactivata  
(F4) RP  $\geq 1$

*Escherichia coli* inactivata  
(F5) RP  $\geq 1$

*Escherichia coli* inactivata  
(F6) RP  $\geq 1$

*Escherichia coli* inactivata  
(F41) RP  $\geq 1$

### TARGET SPECIES

Gilts and pregnant sows.

### INDICATION

For the vaccination of the pregnant sows to be performed in breeding infected or threatened with enteric coli infections.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intramuscularly preferably to the paraauricular area.

### Basic vaccination:

Should be applied to sows and gilts not later than 5 weeks before the expected farrowing and revaccination 2–3 weeks later.

### Revaccination:

Administration of 1 injection 4 to 2 weeks prior to any other expected farrowing.

Two vaccinations shall be again performed if the interval between two subsequent deliveries exceeds 8 months

After being applied intramuscularly into the body of a vaccinated individual, the antigens contained in the vaccine activate the immunity system and antibody formation.

Piglets are protected against the illness for the period of suckling from an immunized mother.

Piglets are not vaccinated (their protection is ensured by the colostrum and lactogenic way from the immunized mother).

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

5 ml, 10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml in glass or plastic bottle.



Inactivated combined vaccine against porcine parvovirus and all form of swine erysipelas with possibility to use for primary vaccinations one dose only.



# PARVOERY SIN

## emulsion for injection for pigs

### COMPOSITION

Active substance:

*Parvovirus suis* inact.  $\geq 4 \log_2$   
*Erysipelothrix rhusiopathiae*  
 inact.  $RP \geq 1$   
 (3 strains of type 2, 1 strain of type 1)

Specific antibodies protecting immunized animals against swine erysipelas, and the embryos and foetuses of the sows and gilts against parvovirus throughout pregnancy are formed after the vaccination. In boars, high titres of antibodies prevent the replication of parvovirus in the reproductive organs, thus decreasing the risk of infection during mating or artificial insemination.

### TARGET SPECIES

Pigs.

### INDICATION

For the active immunization of pigs against parvovirus and all forms of swine erysipelas including septicemic form too.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml.

Application: intramuscularly

#### 1) Gilts and sows:

Primovaccination:

One vaccination dose 2–4 weeks before mating.

Additional regular vaccinations are always with one vaccination dose 2–4 weeks prior to mating.

#### 2) Boars:

Primovaccination – one vaccination dose at least 2 weeks prior to mating.

To maintain immunity, revaccinate always with one vaccination dose within 6 months.

After primary vaccination, the titres of haemagglutination-inhibition antibodies show the increase. Their maximum level is detected on the 35th day, and the antibodies mentioned are protective for a period of 6 months.

Immunity against swine erysipelas is developed fully 21 days after vaccination and lasts for 6 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 20 ml, 50 ml, 100 ml in glass or plastic bottle.



Inactivated  
monovalent  
vaccine against  
porcine  
parvovirus with  
possibility to use  
for primary  
vaccinations one  
dose only



# PARVOSIN-OL

## emulsion for injection for pigs

### COMPOSITION

Active substance:  
*Parvovirus suis* inact.

≥ 4 log<sub>2</sub>

Vaccination induces production of specific antibodies that protect embryos and foetuses of gilts and sows against parvovirus for the whole pregnancy period. In boars the high titres of antibodies prevent parvovirus replication in the genitals and reduce the risk of infection transmission during mating.

### TARGET SPECIES

Pigs (gilts, sows, boars).

### INDICATION

For preventive vaccination of sows, gilts and boars against porcine parvovirus.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intramuscularly

#### 1) Gilts and sows:

Primovaccination:  
One vaccination dose 2–4 weeks before mating.

Additional regular vaccinations are always with one vaccination dose 2–4 weeks prior to mating.

#### 2) Boars:

Primovaccination – one vaccination dose at least 2 weeks prior to mating.  
To maintain immunity, revaccinate always with one vaccination dose within 6 months.

The titre of haemagglutination inhibition antibodies rises following primovaccination. The maximum level is determined on the 35th day and the antibodies persist for 6 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml in glass or plastic bottle.



Live vaccine against classical swine fever (CSF) for all categories of pigs.



## PESTISEN-C inj. sicc. ad us. vet.

### COMPOSITION

Active substance: Live attenuated swine pest virus (C strain-China) min. 100 PD<sub>50</sub>, max. 1000 PD<sub>50</sub>

### TARGET SPECIES

Pigs.

### INDICATION

The vaccine is intended for preventive vaccination of pigs against classical swine fever.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: subcutaneously, preferably to the parauricular area.

#### 1) Preventive vaccination:

It is used for the vaccination of healthy pigs intended for breeding and fattening. In the large-scale breeding and fattening farms, all pigs shall be vaccinated consecutively in the relevant rounds. Fodder type shall not be changed during the vaccination period.

Pigs intended for fattening and coming from sows that were vaccinated with PESTISEN-C vaccine should be vaccinated – because of their colostrum

immunity – at the age of 8 weeks. Said single vaccination provides immunity for the whole fattening course.

Pigs intended for breeding (both sows and boars) coming from sows that were vaccinated with PESTISEN-C vaccine should also be vaccinated at the age of 8 weeks and re-vaccinated at the age of 6–8 months (but not later than 1 month before their parting).

Pigs coming from mothers that were not vaccinated against pest in pigs should be vaccinated in the same way.

#### 2) Vaccination carried out in breeding affected or infected with CSF:

PESTISEN-C vaccine can be applied – with regard to the quick immunity onset – also in breeding that are at risk of being infected or are already infected with CSF in pigs. In this case, pigs that do not show any symptoms of CSF in pigs (without fever) should be vaccinated at the age of 1 week and above.

Piglets vaccinated at the age of 1–7 weeks should be revaccinated before they are

included in the fattening group. Its onset against classical swine fever can be observed 3th day after the vaccination and the immunity is fully developed 7th day after the vaccination.

The vaccine assures the whole-life immunity against classical swine fever. Piglets coming from sows that were vaccinated with PESTISEN are protected for 5–7 weeks due to colostrum immunity.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and the vaccine shall be consumed within 3 hours after being dissolved.

Note: The vaccine can be applied intradermally by means of a needling injector during the mass examination. 5x concentrated vaccine shall be used in such cases. The lyophilizate supplied in 20 ml vial (with 100 ml marking) shall be then diluted only in 20 ml of E diluent and 0.2 ml of vaccine shall be applied into the skin in auricle base.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

20 ml and 100 ml with Diluent E.



Inactivated subunit bacterin-toxoid vaccine against bacterial respiratory syndrome of pigs with the dose 1 ml only



# POLYPLEUROSIN APX PLUS IM

## emulsion for injection for pigs

### COMPOSITION

Active substance:

<i>Actinobacillus pleuropneumoniae</i> serotype 9	RP> 1*
<i>Actinobacillus pleuropneumoniae</i> serotype 2	RP> 1*
<i>Pasteurella multocida</i> serotype A	RP> 1*
<i>Pasteurella multocida</i> serotype D	RP> 1*
<i>Bordetella bronchiseptica</i>	RP> 1*
Apx I toxoid	RP> 1*
Apx II toxoid	RP> 1*
Apx III toxoid	RP> 1*

### TARGET SPECIES

Pigs.

### INDICATION

For immunization of piglets, pregnant gilts and sows in healthy herds or suffering from pneumonia caused by: *Actinobacillus pleuropneumoniae*, *Pasteurella multocida*, *Bordetella bronchiseptica*.

### DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 1 ml

Application: intramuscularly, preferably to the paraauricular area.

#### 1) Pigs:

Primary vaccination with a dose of 1 ml from 6 weeks of age and revaccination after 3 weeks

#### 2) Pregnant gilts and sows:

Initial vaccination: With a dose 1 ml 6–4 weeks before farrowing and revaccination after 2–3 weeks, but not later than 2 weeks before farrowing

Revaccination:

Administration of 1 injection 3 to 2 weeks prior to any other expected farrowing.

Newborn piglets from vaccinated sows receive passive protection against pneumonia by colostral immunity for 14–21 days.

Immunity is developed in 14 days after revaccination and persists for 6 months.

### SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 18 months and after the first opening of the immediate packaging 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

### PACKAGE

10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml in glass or plastic bottle.



Inactivated vaccine  
against porcine  
progressive  
atrophic  
rhinitis with  
dermonecrototoxic  
toxoid



# RHINISIN DNT

emulsion for injection for pigs

## COMPOSITION

Active substance:

*Pasteurella multocida*

type D – dermonecrototoxic  
toxoid

min. 2 µg

*Bordetella bronchiseptica* –  
cell suspension inactivated

min. 10<sup>10</sup> microorganisms

*Pasteurella multocida* –

cell suspension inactivated

min. 10<sup>10</sup> microorganisms

## TARGET SPECIES

Pigs older than 6 months

## INDICATION

To vaccinate gilts and sows so  
that passive immunity against  
atrophic rhinitis can develop  
in newborn piglets.

The preparation is intended  
for prophylactic purposes.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml.

Application: intramuscularly,  
preferably to the paraauricular  
area.

## Basic vaccination:

Breed sows and gilts are  
vaccinated with one dose  
8–6 weeks before farrowing  
and revaccination after 4 weeks.  
Further revaccination is carried  
out with one dose 3 to 2 weeks  
before each expected farrowing.

If the period between the two  
subsequent farrowings exceeds  
8 months, it is necessary to  
repeat the basic vaccination.

Piglets of immunized sows are  
passively protected against  
atrophic rhinitis by the transfer  
of maternal antibodies with  
colostrum. The specific immunity  
protection develops between  
the 14th and 21st day after basic  
vaccination.

## SHELF LIFE

Shelf life of the veterinary  
medicinal product in intact  
package 18 months and after  
the first opening of the  
immediate packaging  
24 hours.

## STORAGE

Store in a refrigerator  
(2 °C – 8 °C). Do not freeze.

## PACKAGE

20 ml, 50 ml, 100 ml in glass  
bottle.





Inactivated unique vaccine against rotaviral and enteric coli-infections of piglets containing the most frequent enterotoxigenic prevalent serovars of *E. coli*



# ROKOVAC NEO

emulsion for injection for pigs

## COMPOSITION

Active substance:

*Rotavirus suis* inact. OSU 6

RP ≥ 1\*

*Escherichia coli* inact.

O101:K99 (F5)

RP ≥ 1\*

*Escherichia coli* inact.

O147:K88 (F4)

RP ≥ 1\*

*Escherichia coli* inact.

O149:K88 (F4)

RP ≥ 1\*

*Escherichia coli* inact.

K85:987P (F6)

RP ≥ 1\*

*Escherichia coli* inact.

O101:K99:F41 (F5, F41)

RP ≥ 1\*

## TARGET SPECIES

Pigs (pregnant sows and gilts)

## INDICATION

For active immunisation of pregnant sows and gilts against rotaviral and enteric coli-infections, to induce colostral and lactogenous immunity to protect piglets until weaning. Piglets are protected against antigens included in vaccine during suckling from vaccinated mother.

## DOSAGE, ROUTE OF ADMINISTRATION AND VACCINATION SCHEME

Dosage: 2 ml

Application: intramuscularly preferably to the paraauricular area.

### Basic vaccination:

Sows and gilts – administration of 2 injections within an interval of 2 to 4 weeks; the second injection at the latest 2 weeks prior to the expected farrowing.

### Revaccination:

Administration of one injection 4 to 2 weeks prior to any other expected farrowing.

Vaccinated sows transfer colostral immunity to piglets, which are thereby protected against antigens contained in the vaccine for the period of suckling from the vaccinated mother.

## SHELF LIFE

Shelf life of the veterinary medicinal product in intact package 2 years and after the first opening of the immediate packaging 10 hours.

## STORAGE

Store in a refrigerator (2 °C – 8 °C). Do not freeze.

## PACKAGE

10 ml, 50 ml, 100 ml, 250 ml in glass or plastic bottle.



Live vaccine  
against PRRS  
infection intended  
for all categories  
of pigs



NOVELTY 2017

# BIOSUIS PRRS live

## lyophilisate and solvent for suspension for injection

### COMPOSITION

Per dose 2 ml (intramuscularly)

#### Active substance:

PRRS virus live, attenuated strain BIO 60, min.  $10^{3.4}$  TCID<sub>50</sub>, max.  $10^{6.8}$  TCID<sub>50</sub> per dose. Lyophilisate and diluent for injection suspension.

### TARGET SPECIES

Pigs.

### INDICATIONS

For active immunization of clinically healthy pigs in a PRRSV contaminated environment, to reduce viraemia caused by infection with European strains of PRRS virus. After vaccination specific antibodies that protect immunized animals against reproductive and respiratory disorders caused by European PRRS strains in pigs are created. An increase in titer of antibodies to protective levels occur within 4 weeks after vaccination.

### USE DURING PREGNANCY, LACTATION OR LAY

**Pregnancy:** Seronegative gilts and sows that did not meet with the

infection should not be vaccinated during pregnancy, because this can have negative effects (abortions and births of dead piglets). Vaccination during pregnancy is safe if carried out in gilts and sows that have been immunized against a European-type PRRS virus either vaccination or field infection.

**Lactation:** The vaccine can be used during lactation.

### AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE

The vaccine dose is 2 ml intramuscularly. Apply a single dose to pigs from the age of 2 weeks. Fattening pigs: a single vaccination is sufficient for immunity until slaughter. Breeding pigs: in gilts is recommended to (re) vaccination 4 weeks before mating. To achieve a uniform level of immunity booster is recommended at regular intervals, either before each additional pregnancy, or an entire

breed every 4 months. Pregnant sows should be vaccinated only after exposure to European type PRRS virus.

It is recommended to vaccinate all pigs in the breeding of the earliest recommended age. Maternal antibodies can interfere with response to vaccination. The new classification, PRRS virus-free animals (eg. gilts in PRRS-negative herds) should be vaccinated before conception.

### WITHDRAWAL PERIOD

Zero days.

### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 24 months. Shelf-life after dilution or reconstitution according to directions: 3 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C) Do not freeze. Protect from light.

### PACKAGE

1 × 5 doses, 5 × 5 doses, 1 × 25 doses

# HORMONES



LECIRELIN Bioveta 0.025 mg/ml

OESTROPHAN 0.25 mg/ml

OXYTOCIN BIO 5 IU/ml

REMOPHAN 75 µg/ml

SERGON 500 IU/ml

SERGON PG 400/200 IU

Hormonal product  
as a luteinizing  
releasing hormone  
(LHRH) analogue  
with prolonged  
effect



# LECIRELIN Bioveta 0.025 mg/ml solution for injection

## COMPOSITION

**Active substance:**  
Lecirelin 0.025 mg

**Excipients:**  
Chlorobutanol  
hemihydrate 2.105 mg

## TARGET SPECIES

Cows.

## INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES

Making the date of ovulation  
more precise, estrus  
synchronization, improving  
the conception rate after  
insemination, treatment  
of irregular cycles.  
Treatment of ovarian cysts.

## USE DURING PREGNANCY AND LACTATION

Do not use during pregnancy.  
The product can be used during  
lactation.

## DOSAGE

Making the date of ovulation  
more precise, estrus  
synchronization, improving  
the conception rate after  
insemination, treatment of  
irregular cycles:  
2 ml of the product, equivalent  
to 50 µg of the active  
substance.

### Treatment of ovarian cysts:

4 ml of the product, equivalent to  
100 µg of the active substance.

## WITHDRAWAL PERIODS

Meat: Not applicable.  
Milk: Not applicable.

## SHELF LIFE

Shelf life of the veterinary  
medicinal product as packaged  
for sale: 2 years.  
10 ml injection vial: Shelf life  
after first opening the immediate  
packaging: 28 days.  
2 ml ampoule: The product is  
intended for immediate  
consumption after first opening.

## STORAGE

Protect from light. Protect from  
frost.

## PACKAGE

10 × 2 ml, 1 × 10 ml, 10 × 10 ml

Long time verified hormonal product. Substance contains cloprostenol with a analogous function as prostaglandin F<sub>2</sub> alfa. Good safety margin and influence to fertility.



# OESTROPHAN 0.25 mg/ml injection solution

## COMPOSITION

*Cloprostenolum* 1 ml of solution contains *cloprostenolum (ut natrium)* 0.25 mg

## INDICATION

### Biotechnical

**Cattle** – synchronization and induction of estrus in heifers and cows;

**Sows** – induction of farrowing;

**Mares** – interruption of normal and pathological gestation (in the first half of gravidity)

### Therapeutic

Functional disorders of ovaries, postpartum and post-service anestrus (in heifers: silent estrus, persisting diestrus, embryo abortion, lactation anestrus, termination of pseudopregnancy), postpuerperal chronic endometritis, pyometra, interruption of either normal or pathological pregnancy in the first half of pregnancy, combined therapy of follicular cysts, induction of parturition.

## TARGET SPECIES

Cows, sows, mares.

## DOSAGE

### Synchronization of heat

**Cattle:** administer 2 ml of the

product (500 µg of the active substance) twice, 10 days apart. The first dose of the product should be administered at any phase of the sexual cycle (in cows within a period of 40 to 60 days after calving). The second dose should be administered on day 11 after the first administration, with insemination being carried out on day 14 (72–76 hours after the second administration) irrespective of manifestations of estrus, and subsequent re-insemination (day 15).

### Functional disorders of ovaries

**Cattle:** administer 2 ml of the product; insemination is to be performed after the first estrus. Follicular cysts are treated with a single dose of 2 ml, not earlier than on day 10 after administration of HCG or LHRH, and after a positive ovarian response has been ascertained. The estrus occurs on day 3 after Oestrophan administration.

### Postpuerperal diseases of the uterus:

**Cattle:** administer 2 ml of the product, repeated administration follows on day 11, insemination on day 14 and re-insemination on day 15.

## Pregnancy interruption

**Cattle:** 2 ml of the product (further treatment according to the clinical condition);

**Sows:** 0.7 ml pro toto (0.175 mg of the active substance) should be administered starting from day 111 of pregnancy. The majority of cases of parturition induced occur within 40 hours after the administration, namely between 24 and 35 hours.

**Mares:** a single dose of 1.0 ml (0.250 mg of the active substance); on cycling mares

## METHOD OF ADMINISTRATION

**Cattle:** Intramuscularly.

**Sows, mares:** Intramuscularly.

## WITHDRAWAL PERIOD

**Meat** – 24 hours, milk – no withdrawal periods.

## STORAGE

Store below 25 °C. Protect from light!

## SHELF LIFE

36 months, after first opening the 10 ml container: 28 days.

## PACKAGE

10 × 2 ml, 1 × 10 ml.

Medicaments  
for effective  
management  
of the dystocia,  
puerperal  
complications and  
milk production  
disorders in target  
species



# OXYTOCIN BIO 5 IU/ml injection solution

## COMPOSITION

1 ml of the product contains  
*oxytocinum* 5.0 IU

## INDICATION

To support delivery in case of primary and secondary depression of contractions and to accelerate the expulsive phase of delivery.

During the puerperal period: depression of uterine muscle contractility: To stimulate involution in case of placenta retention and exometra (the product is administered immediately after delivery or caesarectomy and two to four hours later), to remove the pathological contents of uterus, endometritis, pyometra.

Agalaxia in consequence of milk production disorder in all target species. To remove residual milk and toxic material from the udder after delivery and during the treatment of infectious mastitis in cows.

## TARGET SPECIES

Cows, mares, sheep, goats, sows, bitches.

## DOSAGE

### Cows

Uterus inaction, milk ejection, mastitis, uterus involution:  
20–40 IU (i.m. or s.c.),  
2.5–10 IU (i.v.).

### Mares

Uterus inaction: 20–40 IU (i.m. or s.c.), 2.5–10 IU (i.v.).  
Placenta retention: 10–20 IU (i.m. or s.c.).

Milk ejection, uterus involution:  
40 IU (i.m. or s.c.), 10 IU (i.v.)

### Sheep, goats

Uterus inaction: 10 IU (i.m. or s.c.), 0.5–2.5 IU (i.v.).  
Milk ejection, uterus involution:  
10–20 IU (i.m. or s.c.),  
0.5–2.5 IU (i.v.).

### Sows

Uterus inaction, uterus involution, placenta retention, milk ejection:  
10–30 IU (i.m. or s.c.),  
0.5–2.5 IU (i.v.).

### Bitches

Uterus inaction, uterus involution, placenta retention, milk ejection 2–10 IU (i.m. or s.c.), 0.5 IU (i.v.)

## STORAGE

Keep out of the reach and sight of children. Store in a refrigerator (2 °C – 8 °C). Protect from frost.

## SHELF LIFE

Shelf-life 24 months, after first opening the container 28 days.

## PACKAGE

1 × 10 ml, 5 × 10 ml, 10 × 10 ml,  
1 × 20 ml, 5 × 20 ml, 10 × 20 ml,  
1 × 50 ml, 12 × 50 ml, 24 × 50 ml.

Hormonal product intended for synchronizing of sexual cycle of donors and recipients in the programme of bovine early embryos transfers mainly



# REMOPHAN 75 µg/ml injection solution (ESTROPUR)

## COMPOSITION

1 ml of injection solution contains + *Cloprostenolum natricum* 75 µg Product's active substance is (+) cloprostenol sodium salt. This substance is bioequivalent to F<sub>2</sub>-alpha prostaglandin, which has a specific luteolytic effect.

## TARGET SPECIES

Cows, heifers, sows.

## INDICATIONS

### Biotechnical

**Cattle** – synchronization and induction of estrus in heifers and cows and synchronizing of sexual cycle of donors and recipients in the programme of bovine early embryos transfer.

**Sows** – synchronization and induction of farrowing;

### Therapeutic

Functional disorders of ovaries, postpartum and post-service anestrus, postpuerperal chronic endometritis, pyometra, interruption of either normal or pathological pregnancy in the first half of pregnancy, combined therapy of follicular cysts, induction of parturition.

## DOSAGE

### Cattle:

1) oestrus synchronizing – administer 2 ml of the product (0.15 mg of active substance). When oestrus synchronizing, first determine the corpus luteum (6th to 18th day of the cycle) and based on the developing oestrus symptoms, inseminate 70 to 120 hours after administration. If oestrus does not develop, the preparation may be administered again on the 11th day after the first treatment. In embryo donors, administer the 3rd day after the superovulation preparation start (morning dose 2 ml, evening dose 2 ml). When treating functional ovary disorders, inseminate at the first oestrus provoked by the preparation administration; if oestrus does not appear, it is possible to repeat the administration on the 11th day.

2) follicular cysts – at combined therapy administrate product on the 10th to 14th day after LHRH administration based on positive ovarian response detection.

When treating postpuerperal diseases of uterus, repeat the administration at intervals of 10 days, inseminate solely after the second administration.

### Sows:

Administer (behind the ear) a one-shot dose of 1 ml of preparation (75 µg of active substance) from the 11th day of pregnancy. Most induced farrowings start between the 19th and 30th hour after administration.

## METHOD OF ADMINISTRATION

**Cattle:** intramuscularly.

**Sows, mares:** intramuscularly.

## WITHDRAWAL PERIODS

Meat – 24 hours, milk – 4 hours

## SHELF LIFE

Shelf-life 2 years, after first opening 14 days.

## STORAGE

Store in a dry place at the temperatures of 10 to 25 °C. Protect from light.

## PACKAGE

10 × 2 ml, 10 × 4 ml, 1 × 10 ml, 5 × 10 ml, 5 × 20 ml.

Follicle Stimulating hormone product intended for females of all farming and domestic animals except for mares



# SERGON 500 IU/ml

## powder for preparation of injection solution with solvent

### COMPOSITION

1 ml of injection solution contains *Gonadotrophinum sericum equinum* – 500 IU

Serum gonadotropin stimulates ovaries, induces growth and ripening of follicles and controls creation of estrone hormone.

### TARGET SPECIES

Cows, heifers, sows, gilts, sheep, goat, bitch, rabbit.

### INDICATIONS

Anestrus, induction and synchronization of estrus.

### DOSAGE

Cows, heifers: 1000–3000 IU  
Sheep, goats: 500 IU (suitable immediately after removing of intra-vaginal tampons)

Sows: 500–1000 IU  
– induction of cycle and increasing of the number of piglets per litter (1. – 2nd day after estrum)  
– quiet estrus (10th day after piglet weaning)

#### Gilts:

– anestrus and quiet estrus (from 8–10 months of age)  
– estrus induction (aged 6 months or 90 kg body weight)

Bitches: 250–500 IU

Rabbit: 25–50 IU (insemination 3rd and 5th day after application)

### METHOD OF ADMINISTRATION

Intramuscularly or subcutaneously

### WITHDRAWAL PERIOD(S)

Meat and milk not applicable.

### SHELF LIFE

Shelf-life 2 years, after dilution or re-constitution as instructed: 24 hours.

### STORAGE

Store in a refrigerator. Protect from light.

### PACKAGE

1 × 1000 IU +  
1 × Dissolvent à 2 ml  
5 × 1000 IU +  
5 × Dissolvent à 2 ml  
1 × 3000 IU +  
1 × Dissolvent à 6 ml  
5 × 3000 IU +  
5 × Dissolvent à 6 ml  
1 × 5000 IU +  
1 × Dissolvent à 10 ml  
5 × 5000 IU +  
5 × Dissolvent à 10 ml





Follicle Stimulating and Luteinizing hormone product intended to inducing regular fertile estrus in sows and gilts



# SERGON PG 400/200 IU

## lyophilizate for solution for injection with solvent

### COMPOSITION

1 ml of injection solution contains *Gonadotropinum sericum equinum* – 400 IU, *Gonadotropinum chorionicum* – 200 IU  
The product is a lyophilized mixture of human chorionic gonadotropin (hCG) and pregnant mares' serum gonadotropin (PMSG). Acting similarly to the follicle-stimulating hormone (FSH) and the luteinizing hormone (LH), the serum gonadotropin induces the growth of ovarian follicles. The chorionic gonadotropin acts similarly to the luteinizing hormone and promotes ovulation and growth of the corpus luteus. Combination of the hormones induces a fertile oestrous cycle in pigs.

### TARGET SPECIES

Sows and gilts.

### INDICATIONS

Anestrus, induction and synchronization of estrus in sows and gilts.

### DOSAGE AND METHOD OF ADMINISTRATION

Transfer the content of the vial with the solvent to the vial with the lyophilized substance and dissolve. Apply one dose (2 ml) intramuscularly or subcutaneously behind the ear.

#### Application scheme:

Target species	Indication	Time of administration
Sow	Starting the cycle	Day 0 to 2 after ablation
	To increase the farrow	Day 0 to 2 after ablation
	Anestrus/subestrus	Roughly Day 10 after ablation
Gilt	Anestrus/subestrus	At 8 to 10 months of age
	Induction of oestrus	At 5.5 to 6.5 months of age or at a weight of 85 to 100 kg. Gilts can be inseminated during the first oestrus after administration. A more numerous farrow can be expected if the insemination was only performed during the second oestrus after administration.

*Note: Oestrus will occur 3 to 6 days after application.*

### WITHDRAWAL PERIOD(S)

Meat and milk not applicable.

### SHELF LIFE

Shelf-life 3 years, after dilution or re-constitution as instructed: 12 hours.

### STORAGE

Store in a refrigerator.  
Protect from light.

### PACKAGE

5×1 dose + 5×2 ml of the diluents  
10×1 dose + 10×2 ml of the diluents  
5×5 doses + 5×10 ml of the diluent  
5×10 doses + 5×20 ml of the diluent  
6×20 doses + 6×40 ml of the diluent



# ANTIMICROBIALS

9

AMOXICILLIN Bioveta 150 mg/ml LA  
BIOVETA AMOXICILIN 100 mg/g  
BIOVETA COLISTIN 1 200 000 IU/g  
COTRIMAZIN BIOVETA  
GAMMAVIT BIO  
IVATYL TAR 180.000 IU/ml  
STREPTONAMID

Amoxicillin  
injectable  
antibiotics with  
a broad spectrum  
of activity



# AMOXICILLIN Bioveta 150 mg/ml LA suspension for injection

## COMPOSITION

Active substance:  
Amoxicillinum (ut Amoxicillinum  
trihydricum) 150 mg  
Excipients:  
Benzylalcohol (E 1519) 9 mg  
Butylhydroxytoluene  
(E 321) 0.2 mg

## TARGET SPECIES

Cattle, pigs, dogs

## INDICATIONS

Treatment of the disease caused  
by the bacteria sensitive to  
amoxicillin in cattle, pigs and  
dogs. Especially local,  
gastrointestinal, respiratory and  
urogenital infections are  
concerned.

## DOSAGE

The usual dose is 10mg of  
amoxicillin per kg live body  
weight per day or 1ml per 15 kg  
live body weight per day. Route  
of administration: intramuscular

## WITHDRAWAL PERIOD

Meats:	Cattle:	15 days.
	Pigs:	42 days.
Milk:		72 hours.

## SHELF LIFE

Shelf-life of the veterinary  
medicinal product in an intact  
packaging for 2 years. Shelf life  
after the first opening of the  
immediate packaging: 28 days

## STORAGE

Store at a temperate below 25 °C.  
Protect from light. Store in a dry  
place.

## PACKAGE

100 ml, 250ml

Water-soluble  
antibiotic pulvis  
containing  
Amoxicillinum  
intended for pigs,  
poultry and calves



# BIOVETA AMOXICILIN 100 mg/g powder for oral solution

## COMPOSITION

1 g of powder contains  
*Amoxicillinum (ut trihydricum)*  
100 mg  
Antibiotic powder for preparation  
of oral solution.

## TARGET SPECIES

Poultry, pigs, cattle – calves.

## INDICATIONS

Infectious diseases caused by  
bacteria sensitive to amoxicillin,  
such as e.g. upper respiratory  
tract infection and infection of  
the lungs, postpartal infections,  
infection of the urogenital tract,  
hepatobiliary infection,  
salmonellosis, coli infections, etc.  
Amoxicillin is effective also during  
very low concentrations against  
bacteria from the group of  
*Streptococcus* (including  
*Streptococcus suis* type-2)  
*Staphylococcus* (including  
penicillinase resistant strains),  
*Corynebacterium*, *Clostridium*,  
*Bacillus*, *Erysipelothrix*,  
*Campylobacter*, *Pasteurella*,  
*Escherichia*, *Salmonella*,  
*Serpulina*, *Bordetella* and  
*Actinobacillus*.

## DOSAGE

Oral administration in drinking  
water.  
10 mg amoxicilin/1 kg of live  
weight and day  
- 10 g of BIOVETA AMOXICILIN  
per 100 kg of live weight and day  
(administer separately in two  
doses) or  
- 0.5–2 g of BIOVETA  
AMOXICILIN per 1 litre of  
drinking water for 5 days. In case  
of more serious infection, it is  
possible to double the daily dose  
on the first day.  
Prepare the medicated drinking  
water fresh every day.

## WITHDRAWAL PERIODS

Porcine meat for 3 days.  
Calf meat for 7 days.  
Poultry meat for 2 days.  
Do not administer to layers,  
the eggs of which are intended  
for human consumption.

## SHELF LIFE

Shelf-life in an intact package:  
2 years.

Shelf life after reconstitution  
in drinking water according to  
instruction for use is 24 hours.

## STORAGE

Store below 25 °C and keep in dry  
place.

## PACKAGE

100 g, 500 g, 1 kg, 3 kg, 5 kg.

Water-soluble  
bactericide antibiotic  
pulvis containing  
Colistinum  
intended for pigs,  
domestic fowl and  
calves with high  
effect against  
G<sup>-</sup> microorganisms



# BIOVETA COLISTIN 1 200 000 IU/g powder for oral solution

## COMPOSITION

100 g of powder contains  
*Colistini sulphas* 120 mg  
Antibiotic powder for preparation  
of oral solution.

## TARGET SPECIES

Piglets, calves, domestic fowl.

## INDICATIONS

Prevention and treatment of  
gastrointestinal disorders in  
piglets, calves and domestic fowl  
caused by gram-negative bacteria  
(mainly *E. coli* and *Salmonella*  
spp.).

## DOSAGE

BIOVETA COLISTIN is  
administered orally in drinking  
water or feed. In feed, it is  
possible to administer the  
preparation only individually, i.e.  
for individual animals. It cannot  
be used for preparation of  
medicated feed mixture for mass  
administration.

### Treatment dose:

Calves, piglets: 5–8 g of the  
preparation per 100 kg of live  
weight daily (in two dose)  
for 3 days.

Domestic fowl: 5–8 g of the  
preparation per 10 l of drinking  
water for 3 days.

### Preventive dose:

Half of the treatment dose.  
Prepare the medicated drinking  
water fresh every day.

## WITHDRAWAL PERIODS

Meat from piglets, calves and  
broilers: 2 days.  
Do not use in laying hens, the  
eggs of which are intended for  
human consumption.

## SHELF LIFE

Shelf-life in an intact package:  
36 months.

## STORAGE

Store below 25 °C and keep in dry  
place.

## PACKAGE

100 g, 500 g, 3 kg, 5 kg, 10 kg,  
15 kg, 25 kg in closed paper,  
plastic or metal covers.



The active substances have a broad bactericidal action against many G<sup>+</sup> and G<sup>-</sup> aerobic bacteria and a large proportion of anaerobic bacteria



# COTRIMAZIN BIOVETA

oral paste for horses

Sulfadiazinum, trimethoprimum

## COMPOSITION

Active substances:

1 g of paste contains:

*Sulfadiazinum* 288.2 mg

*Trimethoprimum* 58.0 mg

Oral paste. White to light brown oral paste.

## TARGET SPECIES

Horses.

## INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES

Treatment of bacterial infections in horses (infections of the digestive tract – diarrhoea, respiratory tract infections – pneumonia, pleurisy, strangulation, wound infections, septicaemia, and systemic infections) caused by microorganisms sensitive to the combination of active substances: *Rhodococcus equi*, *Staphylococcus spp.*, *Streptococcus spp.*, *Escherichia coli*

## USE DURING PREGNANCY AND LACTATION

Administration of this combination of active substances during pregnancy, especially in the early stages, can lead to congenital defects in foals. Use of the product during pregnancy should be based on a consideration of risks versus benefits by the attending veterinarian. Sulfonamides pass into maternal milk and may have a negative effect on foals suckling from sulfonamide treated mares. Use of the product during lactation should be based on a consideration of risks versus benefits by the attending veterinarian.

## SHELF LIFE

Shelf life of the veterinary medicinal product as packaged for sale: 2 years. Shelf life after first opening of immediate packaging: 6 months.

## SPECIAL PRECAUTIONS FOR STORAGE

Do not refrigerate or freeze. Store in the original packaging.

## PACKAGE SIZES

1 × 54 g, 5 × 54 g

Water-soluble  
pulvis containing  
antibiotic, vitamins  
and unique bovine  
immunoglobulins



# GAMMAVIT BIO

## powder for oral suspension

### COMPOSITION

1 bag 25 g contains:

<i>Tetracyclini hydrochloridum</i>	750 mg
<i>Immunoglobulinum bovinum</i>	500 mg
<i>Tocoferoli alfa acetat</i>	30 mg
<i>Retinoli acetat</i>	200.000 IU
<i>Colecalciferolum</i>	15.000 IU

### TARGET SPECIES

Newborn calves.

### INDICATIONS

The product is administered in breeds with mortality in calves of neonatal diarrhoea caused by *Escherichia coli* in the first days of life. Prior to the administration, the situation in the breed should be well-known, i.e. the presence of disease caused by microorganisms sensitive to the active ingredient should be confirmed in the herd.

### DOSAGE

Oral administration.  
A dose is 25 g (1 bag) per calf.  
Before administration, suspend the dose in about 200 ml of tea or water heated to a temperature of 25–30 °C to obtain a homogeneous suspension without sediment. This homogeneous medicated suspension should be consumed immediately.  
Administer the product immediately after birth, not later than 24 hours after birth, and repeat the treatment with the same dose on the second day, or on the second and third day. Use immediately after dissolving!

### WITHDRAWAL PERIODS

Meat – 14 days.

### SHELF LIFE

Shelf-life in an intact package:  
1 year.

### STORAGE

Store below 25 °C and keep in dry place and protect for light.

### PACKAGE

1 × 25 g in multi-layered PE/Al/  
paper bag,  
10 x 25 g.



Injection antibiotic for treatment of infectious diseases of respiratory, gastrointestinal, urogenital tracts, derm and tissue due to bacteria sensitive to tylosin



## IVATYL TAR 180 000 IU/ml solution for injection

### COMPOSITION

1 ml of injection solution contains *Tylosinum (ut Tylosini tartras)* 180,000 IU

### TARGET SPECIES

Cattle, pig.

### INDICATIONS

Treatment of respiratory, gastrointestinal and urogenital tract infections, skin infections and infections of soft tissue caused by bacteria sensitive to tylosine. Tylosine in a form of solution for injection is a macrocide antibiotic with a bacteriostatic effect against G<sup>-</sup> bacteria, some spirochetes, G<sup>-</sup> anaerobic bacteria and mainly against mycoplasma. Tylosine demonstrates an obvious in vitro activity against mycoplasma and ureaplasma in pigs (*M. hyopneumoniae*, *M. hyorhinis*, *M. hyosynoviae*, *Ureaplasma* spp.), in cattle (*M. bovis*, *M. mycoides*), in dogs (*M. canis*) and most mycoplasma present in poultry. Against pathogens causing mastitis in cattle (*Str. agalactiae* and *Str. uberis* and

*Staph. aureus*). Tylosine activity against *Serpulina hyodysenteriae* and *Streptococcus suis* in pigs is fluctuating. Also some G<sup>-</sup> anaerobes (*B. nodosus*, *F. necrophorum*) are sensitive to tylosine. Tylosine is active also against *Campylobacter coli*, *Bacteroides* spp., *Clostridium welchii* type A and *Erysipelothrix rhusiopathie*. G<sup>-</sup> pathogens present in the respiratory tract, such as e.g. *Pasteurella multocida*, *Actinobacillus pleuropneumonia* and *Bordetella* spp. are slightly sensitive or resistant. G<sup>-</sup> enterobacteriae (*E. coli*, *Salmonella* spp., *Proteus* spp. and *Pseudomonas* spp.) are resistant. Reduced sensitivity was also reported in *Serpulina hyodysenteriae*, *Streptococcus suis* and *Staphylococcus aureus* in pigs and *Mycoplasma gallisepticum* in poultry.

### DOSAGE

In ruminants 1 time daily for 5–7 days, in pigs 1 time daily for up to 5 days. If necessary, the daily dose may

be administered divided to 12 hourly intervals. Adult cattle: 30 ml/400 kg of body weight.

Calves: 3 ml/40 kg of body weight.

Adult pigs: 3 ml/40 kg of body weight.

Piglets: 0.75 ml/10 kg of body weight.

### METHOD OF ADMINISTRATION

Intramuscularly.

### WITHDRAWAL PERIODS

Meat: cattle: 28 days,  
pigs: 21 days.  
Milk: 9 milking.

### SHELF LIFE

Shelf-life 2 years, after first opening of the immediate packaging: 28 days.

### STORAGE

Store at temperature below 25 °C. Keep the vial in a box, protected against light. Keep the product in a refrigerator after first opening (2 °C – 8 °C).

### PACKAGE

100 ml and 250 ml in glass vial or plastic HDPE bottles.

Water-soluble combined antibiotic pulvis containing Streptomycinum and Phthalylsulfathiazolum intended for calves, dogs and horses



# STREPTONAMID

## peroral powder

### COMPOSITION

1 bag (2.8 g) contains:

#### Active substances:

*Streptomycini sulfas* 1 000 000 IU  
*Phthalylsulfathiazolum* 1.0 g

### TARGET SPECIES

Horses, cattle-calves, dogs.

### INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES

Treatment of infectious diseases of the digestive tract caused by bacteria sensitive to the active substances contained in the product, diarrhoea and dysentery in calves, peroral treatment after an initial injection of streptomycin.

### DOSAGE

Horse:

2–3 bags twice a day for 3 days

Calf, foal:

1 bag twice a day for 4–5 days

Dog:

1/2–1 bag twice a day

for 4–5 days

### Maximum daily dose and maximum overall dose

#### Daily dose:

Horse –

*Streptomycini sulfas* 6 000 000 IU

*Phthalylsulfathiazolum* 6 g

Calf, foal –

*Streptomycini sulfas* 2 000 000 IU

*Phthalylsulfathiazolum* 2 g

Dog –

*Streptomycini sulfas* 1 000 000 IU – 2 000 000 IU

*Phthalylsulfathiazolum* 1 g – 2 g

#### Maximum overall dose:

Horse –

*Streptomycini sulfas* 18 000 000 IU

*Phthalylsulfathiazolum* 18 g

Calf, foal –

*Streptomycini sulfas* 10 000 000 IU

*Phthalylsulfathiazolum* 10 g

Dog –

*Streptomycini sulfas* 5 000 000 IU – 10 000 000 IU

*Phthalylsulfathiazolum* 5 g – 10 g

### Method of administration –

perorally, in water or feed. To be administered individually!

The product is mixed with a small amount of feed or water before feeding. In case of total inappetence, a dose may be applied in a bolus or electuary form.

### WITHDRAWAL PERIOD(S)

Calf meat – 15 days. Do not use in horses the meat of which is intended for human consumption.

### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 2 years.

Use immediately after dissolving in water or mixing in feed!

### SPECIAL PRECAUTIONS FOR STORAGE

Keep at a temperature not exceeding 25 °C.

Store in a dry place.

Protect from light.

### PACKAGE

5 × 2.8 g.

# ANTIPARASITICS

Antiparasitic CANISSHAMPOO

BIO KILL 2.5 mg/ml

BIOMEK 10 mg/ml

BLUE repellent

CANIVERM forte

CANIVERM mite

CANIVERM oral paste

EQUIMOXIN 18.92 mg/g

EQUISTRONG 400 mg/g

EQUIVERM Oral Paste

ESB<sub>3</sub> Bio 300 mg/g

FIPRON 50 mg spot-on solution for cats

FIPRON 67 mg spot-on solution for dogs S

FIPRON 134 mg spot-on solution for dogs M

FIPRON 268 mg spot-on solution for dogs L

FIPRON 402 mg spot-on solution for dogs XL

FIPRON 2.5 mg/ml spray

GREEN repellent

SULFADIMIDIN BIOVETA 20 g

TOP SPOT ON STRONGER 16.25 g

TOP SPOT ON STRONGER 650 mg

TOP SPOT ON DOG S

TOP SPOT ON DOG M

TOP SPOT ON DOG L

10

Preparation containing permethrin with excellent antiparasitic and repellent effects



# Antiparasitic CANIS SHAMPOO

Antiparasitic shampoo with insecticide formula against fleas, lice and ticks

## COMPOSITION

**Permethrinum 0.2%**,  
Aqua, Sodium Laureth Sulfate + Cocamide DEA, Cocamide DEA, Sodium Chloride, Perfume, Piperonyli butoxidum 0.5%, Color, Citric acid, 2-bromo-2-nitropropane-1,3 diol.

Particularly fine and soft antiparasitic shampoo designed for hair care of all dog categories and breeds. This effective antiparasitic substance infallibly destroys fleas, lice and ticks. Its composition makes hair easy to comb and keeps it fine and soft for a long time.

## INSTRUCTION FOR USE

Rub the shampoo gradually into the dog's wet hair, let work for a while, rinse and repeat the procedure. Then wipe the dog dry and brush its hair. Protect dog's eyes, ears and muzzle. In the case of eye, ear or nose internal contact, irrigate with large quantities of water.

## WARNING

In the event of a massive attack of parasites, apply the formulation the next day again. At extensive invasion of fleas, a decontamination of the environment will be necessary.

## SPECIAL STORAGE

### PRECAUTION

Keep at temperatures under 25 °C, do not freeze. Keep out of the reach of children. Only for animals.

### SHELF LIFE

24 months.

### PACKAGE

200 ml.

Preparations containing permethrin have excellent antiparasitic and repellent effects



## BIO KILL 2.5 mg/ml cutaneous spray

### COMPOSITION

1 ml of the product contains permethrinum 2.5 mg

Cutaneous spray. White milky emulsion.

### TARGET SPECIES

Dogs, guinea pigs, hamsters, exotic birds.

### INDICATIONS

The product is used against ectoparasites (fleas, lice, ticks, mites) in dogs, guinea-pigs, hamsters and exotic birds, against insects (ants, flies, spiders) and for disinfection of pens and nests.

Sanitation of environment:

BIO KILL 2.5 mg/ml spray is also used to prevent infestation with the aforementioned species.

### DOSAGE

Animals - apply the preparation against the direction of hair and feather until the skin (feather) is wet. Long-hair animals should be brushed simultaneously.

Posology: 10 mg permethrin (i.e. 4 ml of the preparation) per 1 kg of animal weight, thus:

20 puffs of a 100-ml package per 1 kg of animal body weight,  
4 puffs of a 500-ml package per 1 kg of animal body weight.

Sanitation of environment – spray cages, kennels, stalls and stables until wet with about 25 ml/m<sup>2</sup> (125 puffs of a 100-ml package or 25 puffs of a 500 ml package).  
If needed, repeat spraying after 1–2 weeks.

### SHELF LIFE

24 months.

### STORAGE

Store below 25 °C.

### PACKAGE

100 ml, 500 ml, 200 ml.

Highly effective  
endectocide  
for parenteral use  
in animals



# BIOMEK 10 mg/ml injection solution

## COMPOSITION

*Ivermectinum* 10 mg in 1 ml  
Injection solution. Clear  
colourless or yellowish fluid.

## TARGET SPECIES

Cattle, sheep, pig.

## INDICATION

Preparation is indicated for  
effective therapy and to prevent  
spread of the most common  
parasitary diseases.

## DOSAGE

### Cattle:

Recommended dose is 0.2 mg  
ivermectin per kg live weight  
(corresponding to 1 ml of the  
product per 50 kg live weight).  
Administer the product  
subcutaneously into loose skin  
in front of or behind the shoulder  
blade.

### Sheep:

Recommended dose is 0.2 mg  
ivermectin per kg live weight  
(corresponding to 0.5 ml of the  
product per 25 kg live weight).  
Administer the product  
subcutaneously into the loose  
skin between the shoulders.

If treating the animals against  
psoroptic mange, repeat the  
treatment in 7 days.

### Pig:

Recommended dose is 0.3 mg  
ivermectin per kg live weight  
(corresponding to 1 ml of the  
product per 33 kg live weight).  
The product must be  
administered subcutaneously,  
in the neck area, at the  
recommended dose.

## WITHDRAWAL PERIOD

**Sheep, pigs:** meat: 28 days

**Cattle:** meat: 49 days,  
milk: Animals producing milk for  
human consumption should not  
be treated with the product  
during lactation or 28 days before  
expected parturition.

## SHELF LIFE

5 years, after the first opening  
of the immediate  
packaging: 28 days.

## STORAGE

Store at a temperature below  
25 °C. Protect from light. Keep  
out of the reach and sight of  
children.

The product is strongly toxic to  
aquatic organisms. Any unused  
veterinary medicinal product  
or waste materials derived from  
such veterinary medicinal  
products should be disposed  
of in accordance with local  
requirements.

## PACKAGE

20 ml, 50 ml, 100 ml,  
250 ml, 500 ml.



A unique combination  
of highly effective  
repellent substances

Suitable for daily use

Effective against biting  
insects including  
gnats, mosquitoes,  
midges and horseflies

Long-term effect



## BLUE repellent applied to horses

### COMPOSITION

**Active substances:** 21.7 g/100 g DEET; 10.3 g/100 g ethyl butylacetylaminopropionate (IR 3535); 0.5 g/100 g pyrethrins and pyrethroids; 0.1 g/100 g geraniol in unique combination.

**Excipients:** Citronella oil, lavender oil, peppermint oil, eucalypt oil, isopropyl myristate, copovidone, benzyl alcohol, denatured ethanol

**Instructions for use:** Spray the product evenly from a distance of 20 to 30 cm to the dry and clean hair of the horse! The product may also be applied as a coating. Always apply the product to the head of the horse as a coating using a clean and dry cloth or sponge. Avoid applying the product to the eyes, nostrils and mouth of the horse or to injured sites. Repeat the application as needed. Multiple applications per day are recommended in periods of high activity of insects. Always read the label and product information before use.

Using safety glasses or other eye protection is recommended during application.

Wearing protective gloves is recommended when the product is applied as a coating. Use biocides safely. The product can corrode some plastics and synthetic fabrics.

### STORAGE

Keep in original tightly sealed containers in a ventilated place at a temperature below 30 °C. Do not expose to direct sunlight.

### DANGER

H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of the reach of children. P103 Read label before use. P210 Keep away from heat/sparks/open flames/hot surfaces and other sources of ignition. – No smoking.

P262 Do not get in eyes, on skin, or on clothing. P273 Avoid release to the environment.

First aid measures:

In case of inhalation of vapours provide the victim with enough fresh air. SKIN CONTACT: Wash with plenty of water and soap. SKIN IRRITATION OF RASH: Seek medical advice/treatment. EYE CONTACT: Rinse carefully with water for several minutes. Take out the contact lenses if used and if they can be taken out easily. Continue rinsing. If eye irritation persists: Seek medical advice/treatment. INGESTION: Rinse mouth with water, drink plenty of water. If you feel unwell, seek medical advice.

### PACKAGE

750 ml

Caniverm guarantees sufficient efficacy against helminthosis of the gastrointestinal tract in dogs and cats



## CANIVERM forte tablets

Antiparasitic agent against roundworms and tapeworms

### COMPOSITION

1 tablet – 0.7 g:

<i>Fenbendazolum</i>	150 mg
<i>Pyranteli embonas</i>	144 mg
<i>Praziquantelum</i>	50 mg

Tablets. Pale yellow tablets.

### TARGET SPECIES

Dogs, cats. Felines and canines.

### INDICATION

Diseases caused by ascarids, tapeworms in dogs, cats, felines and canines. (*Toxocara canis*, *Toxocara cati*, *Toxascaris leonina*, *Uncinaria stenocephala*, *Ancylostoma caninum*, *Trichuris vulpis*, *Echinococcus granulosus*, *Echinococcus multilocularis*, *Dipylidium caninum*, *Taenia* spp., *Multiceps multiceps*, *Mesocestoides* spp.).

### DOSAGE

Puppies, small canine and feline breeds:

- 1/2 tablets 0.7 g per 2–5 kg of live weight

Medium canine breeds:

- 1 tablet 0.7 g per 5–10 kg of live weight

Large canine breeds and big beasts:

- 1 tablet 0.7 g per started 10 kg of live weight

Route of administration – oral.

Tablets may be administered separately or wrapped in a piece of food. Do not administer together with dairy food. The dose should be administered in a single application.

For beasts (Felines and Canidae), zoological gardens, circuses, etc. are recommended to mix crushed tablets according to the animal weight in meat balls; these balls are to be placed in the cage before morning feeding in the number corresponding to the number of animals.

In puppies, the preparation is recommended to be administered from the week 3 to week 12 of age by a single application in an interval of 3 weeks and then regularly every 3 months.

### SHELF LIFE

24 months.

### STORAGE

Store below 25 °C. Keep in dry place. Protect from light.

### PACKAGE

2 tablets; 6 tablets; 100 tablets.



Small tablets –  
accurate dosing  
in puppies  
and kittens



## CANIVERM mite tablets

Antiparasitic agent against roundworms and tapeworms

### COMPOSITION

1 tablet – 0.175 g

Active ingredient(s):

<i>Fenbendazolium</i>	37.5 mg
<i>Pyranteli embonas</i>	36.0 mg
<i>Praziquantelum</i>	12.5 mg

Tablet, pale yellow tablets.

### TARGET SPECIES

Dogs, cats. Felines and canines.

### INDICATION

Diseases caused by ascarids, tapeworms in dogs, cats, felines and canines. (*Toxocara canis*, *Toxocara cati*, *Toxascaris leonina*, *Uncinaria stenocephala*, *Ancylostoma caninum*, *Trichuris vulpis*, *Echinoccus granulosus*, *Echinococcus multilocularis*, *Dipylidium caninum*, *Taenia* spp., *Multiceps multiceps*, *Mesocestoides* spp.).

### POSOLOGY AND METHOD OF ADMINISTRATION

Puppies, small canine and feline breeds:

- 1 tablet 0.175 g per 0.5–2 kg of live weight
- 2 tablets 0.175 g per 2–5 kg of live weight.

Route of administration – oral.

Tablets may be administered separately or wrapped in a piece of food. Do not administer together with dairy food.

The dose should be administered in a single application.

For beasts (Felines and Canidae), zoological gardens, circuses, etc. are recommended to mix crushed tablets according to the animal weight in meat balls; these balls are to be placed in the cage before morning feeding in the number corresponding to the number of animals.

In puppies, the preparation is recommended to be administered from the week 3 to week 12 of age by a single application in an interval of 3 weeks and than regularly every 3 months.

### SHELF LIFE

24 months.

### STORAGE

Store below 25 °C, keep in dry place, protect from light.

### PACKAGE

2 tablets; 6 tablets; 100 tablets



The antiparasitic product contains three active substances, the combination of these substances increases efficacy of paste with maintaining of maximum safety



# CANIVERM

## oral paste

### COMPOSITION

Active substances in 1 ml of paste:

<i>Fenbendazolum</i>	75 mg
<i>Pyranteli embonas</i>	72 mg
<i>Praziquantelum</i>	25 mg

Oral paste. Yellow paste.

### TARGET SPECIES

Dogs and cats.

### INDICATIONS

Diseases caused by helminths in dogs and cats (*Toxocara canis*, *Toxocara cati*, *Toxascaris leonina*, *Uncinaria stenocephala*, *Ancylostoma caninum*, *Trichuris vulpis*, *Echinococcus granulosus*, *Echinococcus multilocularis*, *Dipylidium caninum*, *Taenia* spp., *Multiceps multiceps*, *Mesocestoides* spp.).

### DOSAGE

Oral administration.

The recommended dose is 15 mg of fenbendazole, 14.4 mg of pyrantel embonate and 5 mg of praziquantel per kilogram of animal body weight, which corresponds to 1 ml of paste per 5 kg of animal body weight.

#### Cat:

- 0.5 ml of paste per 0.5–2 kg of body weight
- 1 ml of paste per 2.1–5 kg of body weight

#### Dog:

- 0.5 ml of paste per 0.5–2 kg of body weight
- 1 ml of paste per 2.1–5 kg of body weight
- then 1 ml of paste per each 5 kg of body weight

At puppies, the preparation is recommended to be administered from the week 3 to week 12 of age by a single application in an interval of 3 weeks and then regularly every 3 months.

### SHELF LIFE

18 months, after first opening the immediate packaging 6 months.

### STORAGE

Keep out of the reach of children. This veterinary medicinal product does not require any special storage conditions.

### PACKAGE

1 × 4 ml, 1 × 10 ml



The highly effective product containing moxidectin induces a consistent efficacy against small strongylidae for a two-week period



# EQUIMOXIN 18.92 mg/g

## oral gel for horses

## Moxidectinum

### COMPOSITION

1 gram of gel contains:

Active substance:

*Moxidectinum* 18.92 mg

Translucent, clear to yellow oral gel.

### TARGET SPECIES

Not food-producing horses.

### INDICATION(S)

Infestation with parasites hypersensitive to moxidectin:

Big strongylidae: *Strongylus vulgaris* (adults and arterial stages), *Strongylus edentatus* (adults and visceral stages), *Triodontophorus brevicauda* (adults), *Triodontophorus serratus* (adults), *Triodontophorus tenuicollis* (adults)

Small strongylidae (adults and intraluminal larval stages):

*Cyathostomum* spp., *Cylicocyclus* spp., *Cylicostephanus* spp., *Cylicodontophorus* spp., *Gyalocephalus* spp.

Roundworms: *Parascaris equorum* (adults and larval stages)

Other species: *Oxyuris equi*

(adults and larval stages)

*Habronema muscae* (adults)

*Gasterophilus intestinalis* (L2, L3)

*Gasterophilus nasalis* (L2, L3)

*Strongyloides westeri* (adults)

*Trichostrongylus axei*

The product induces a consistent efficacy against small strongylidae for a two-week period.

Excretion of small strongylidae eggs is suppressed for 90 days.

The product is effective against (developing) intramucosal stages (L4) of small strongylidae.

Within 8 weeks after the treatment early (hypobiotic) L3 stages of small strongylidae are eliminated.

### DOSAGE

A single-dose oral administration. The recommended dose is 0.4 mg of moxidectin/kg per body weight, which equals to 1.056 g of product/50 kg bw.

One part of a piston scale on the applicator equals to the recommended dose of 50 kg per bw of a horse. The content of one applicator is intended for a horse

weighing 700 kg of bw.

For accurate dosage it is recommended to determine the animal's weight via a tape measure. The applicator needs to be adjusted to the calculated dose by setting the ring on the piston marker.

### WITHDRAWAL PERIOD

Do not use in horses whose meat or milk is intended for human consumption.

The horse must be declared not for food production.

### STORAGE

Keep out of the reach of children. Do not freeze. Store in the original package to protect the product from light. Do not use after its expiry date stated on the label and the carton.

### Use during pregnancy, lactation

The product can be used during pregnancy or lactation.

### SHELF LIFE

24 months, after first opening the immediate packaging: 6 months

### PACKAGE

1 × 14.8 g, 10 × 14.8 g



The paste is safe for the stallion, pregnant and lactating mares and suckling foals



## EQUISTRONG 400 mg/g oral paste for horses

### COMPOSITION

1 g of the paste contains *pyranteli embonas* – 400 mg  
Oral light yellow paste.  
For horses.

### INDICATIONS

Suppression and treatment of infections caused by adult small and large strongylides, pinworms, roundworms and tapeworms in horses.

Pyrantel embonate is a broad-spectrum anthelmintic which is efficacious against: large strongyles: *Strongylus vulgaris*, *S. edentatus*, *S. equinus*  
small strongyles: *Trichonema* spp. (*Cyathostomes*), *Triodontophorus* spp.

pinworms *Oxyuris equi*  
roundworms: *Parascaris equorum*  
tapeworms: *Anoplocephala perfoliata*

### DOSAGE

One applicator contains 11.4 g of pyrantel embonate in 28.5 g of peroral paste.  
Recommended dose is 19 mg of pyrantel embonate per kg live weight, or 4.75 g of the paste per

100 kg live weight. One scale division shows the dose per 100 kg live weight.

### Dosing regimen:

– Foals (1–8 months age): 1 dose (4.75 g of the paste) per 100 kg live weight every 4 weeks.  
– Horses (more than 8 months age): 1 dose (4.75 g of the paste) per 100 kg live weight every 6–8 weeks. Every 4–6 weeks during the grazing season. When transferring the horse to grazing following winter stabling, always administer 1 dose of the paste 3–4 days before putting the animal out to pasture.  
– Nursing mares: It has been shown that strongyle infestation in sucklings during the grazing season can be reduced by using “clean” pastures (transfer of the horses or not grazing down by horses previous year), by administering the product to nursing mares 3–4 days before transfer and afterwards repeatedly every 2–4 weeks till the end of autumn. The ideal pattern is to put the mares with the foals out to “clean” pastures

or, if this is not possible, postpone their transfer to June.

### SUPPRESSION AND TREATMENT OF ANOPLICEPHALOSIS

Recommended dose is 38 mg of pyrantel embonate per kg live weight, or 9.5 g of the paste per 100 kg live weight. Two scale divisions show the dose per 100 kg live weight.  
Repeat application in 6 weeks if necessary.

### SHELF LIFE

24 months.

### STORAGE

This veterinary medicinal product does not require any special storage conditions. Store in a dry place.

### PACKAGE

1 × 28.5 g (1 applicator)  
10 × 28.5 g (10 applicators)



For the effective  
rotational  
deworming  
programme



# EQUIVERM

## oral paste for horses

### COMPOSITION

1 ml of the paste contains  
*ivermectinum* 20 mg  
*praziquantelum* 100 mg  
Oral paste. Fine olive green paste.  
For horses

### INDICATION

Treatment of parasitic diseases caused by the most common species of helminths. Treatment of bots.

### DOSAGE

Oral administration.  
The recommended dose is 200 µg of ivermectin and 1 mg of praziquantel per kilogram of animal body weight, which corresponds to a single dose of 1 ml of the paste per 100 kg of animal body weight.  
The body weight of a horse and dosage should be determined precisely before starting treatment. The contents of one applicator will be sufficient for treatment of a horse weighing up to 700 kg. The applicator is calibrated by 100 kg of weight.

The applicator should be adjusted to the calculated dose by setting the ring on a respective piston position.

Hold the piston of applicator, turn the grooved dosing ring on the piston so that the bottom edge of the ring is aligned with the mark of the desired weight. Make sure that the horse has no feed residues in its mouth. Remove the cap from the applicator, insert it into the horse's mouth and apply the paste to the root of the tongue. After application lift the horse's head immediately for a few seconds and make sure that the horse has swallowed the dose.

### Antiparasitic programme

In order to achieve an adequate level of prevention against parasitic infestation, it is necessary to provide veterinary consultancy on appropriate dosing and zoohygienic conditions.

### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale: 2 years, after first opening the immediate packaging: 6 months.

### STORAGE

Store below 25 °C.  
Store in a tightly closed applicator.  
After use, replace the cap again.

### PACKAGE

1 × 7 ml, 10 × 7 ml.

Sulfaclozin contained in the powder interferes with the development cycle of coccidia and prevents their multiplication



## ESB<sub>3</sub> Bio 300 mg/g

powder for oral solution

Sulfaclozinum

### COMPOSITION

1 gram of product contains *sulfaclozinum natricum monohydricum* 300 mg  
Powder for oral solution.  
Off-white to yellowish crystalline powder.

### INDICATION

Coccidiosis due to infection with *E. tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. maxima*, *E. mitis-mivati*, *E. praecox*, *E. adenoides*, *E. meleagriditis*.  
Bacterial disease in poultry and rabbits due to infection with *Salmonella gallinarum*, *Pasteurella multocida*. Moreover, *Coryza contagiosa*, necrotic enteritis in poultry.

### TARGET SPECIES

Broilers and breeding chickens, turkeys, rabbits.

### DOSAGE

Domestic fowl and turkeys:

1 g of the product per 1 litre of water for 3 days.

Rabbits: 2 g of the product per 1 litre of drinking water for 3 days, then skip the medication

for two days and continue the therapy with the same dose for 3 days.

The product is applied to drinking water, a fresh solution is prepared daily. Treated animals should not have access to another source of drinking water. If water intake is higher than the calculated volume, non-medicated drinking water should be administered for the rest of a day. There is no need to change the feeding regime.

The 3-day treatment can be replaced by the product application on days 1, 3 and 5 (or even 7 and 9), or for example on days 1, 2, 5, or even 6 and 9. In the flocks where coccidiosis occurs only from time to time, a preventive 2 or 3-day administration is recommended in weeks 3 and 5 of age.

The laying hens, whose eggs are not intended for human consumption, are treated at the onset of lay.

### WITHDRAWAL PERIOD

Domestic fowl: meat: 16 days.

Turkey: meat: 28 days.

Rabbit: meat: 15 days.

Do not use in layers producing eggs for human consumption.

### SHELF LIFE

36 months, after first opening the immediate packaging: 3 weeks, after reconstitution in drinking water: 24 hours.

### STORAGE

Keep out of the reach of children. Store below 25 °C. Protect from light. Keep in a dry room.

### PACKAGE

5 × 10 g, 250 g, 1 kg, 5 kg.



Fipronil as an acaricide acts on salivary glands of ticks, thereby disabling suction on an animal



## FIPRON 50 mg spot-on solution for cats

### COMPOSITION

1 tube (0.5 ml) contains fipronil 50 mg Spot-on solution.

Clear, yellow to yellow-green solution.

### TARGET SPECIES

Cats.

### INDICATION

Treatment and prevention of flea infestation (*Ctenocephalides felis*) and related flea allergy dermatitis (FAD) in cats. Treatment and prevention of infestation by ticks (*Ixodes* spp.) and lice (*Felicola subrostratus*) in cats.

### DOSAGE

For lack of data the minimum time between two applications is 4 weeks.

Method of administration: spot-on use.

#### Dosage:

Apply 1 tube of 0.5 ml of the skin between the shoulder blades. One dose ensures protection against flea infestation for up to 5 weeks. The product is effective against ticks for 3 to 4 weeks.

### SHELF LIFE

24 months, use immediately after opening the bag.

### STORAGE

This veterinary medicinal product does not require any special temperature storage conditions. Store in the original container in order to protect from light. Store in a dry place.

### PACKAGE

1, 3 or 25 single-dose tubes.



It can be applied to puppies, kittens, pregnant and lactating female dogs or cats



## FIPRON 67 mg spot-on solution for dogs S

### COMPOSITION

One tube (0.67 ml) contains fipronil 67 mg Spot-on solution. Clear, yellow to yellow-green solution.

### TARGET SPECIES

Dogs.

### INDICATION

Treatment and prevention of flea infestation (*Ctenocephalides* spp.) and related flea allergy dermatitis (FAD) in dogs. Treatment and prevention of infestation by ticks (*Rhipicephalus* spp., *Dermatocentor* spp., *Ixodes* spp.) and lice (*Trichodectes canis*) in dogs.

### DOSAGE

For lack of data the minimum time between two applications is 4 weeks.

Method of administration: spot-on use.

Dosage depends on the weight of animal.

Dogs weighing 2–10 kg: the contents of one tube of 0.67 ml (S).

This ensures a minimum recommended dose of fipronil of 6.7 mg/kg bw. Monthly treatment is recommended in case of a high risk of repeated attacks by fleas, if the dog is allergic to flea bites, in case of necessary control of tick infestation, or at frequent bathing of the dog using hypoallergenic or moisturizing shampoos. In areas where there is no serious infestation by fleas and ticks, FIPRON spot-on for dogs can be applied every two to three months.

FIPRON spot-on for dogs is effective against flea infestation for approximately two months and against ticks for up to 1 month, depending on the strength of environmental contamination. Fleas are killed within 24 hours after infestation.

### SHelf LIFE

24 months, use immediately after opening the bag.

### STORAGE

This veterinary medicinal product does not require any special temperature storage conditions. Store in the original container in order to protect from light. Store in a dry place.

### PACKAGE

1, 3 or 25 single-dose tubes.





It kills fleas in  
18 hours after  
application and  
eliminates ticks  
in 24–48 hours  
after application



## FIPRON 134 mg spot-on solution for dogs M

### COMPOSITION

One tube (1,34 ml) contains fipronil 134 mg Spot-on solution. Clear, yellow to yellow-green solution.

### TARGET SPECIES

Dogs.

### INDICATION

Treatment and prevention of flea infestation (*Ctenocephalides* spp.) and related flea allergy dermatitis (FAD) in dogs. Treatment and prevention of infestation by ticks (*Rhipicephalus* spp., *Dermatocentor* spp., *Ixodes* spp.) and lice (*Trichodectes canis*) in dogs.

### DOSAGE

For lack of data the minimum time between two applications is 4 weeks.

Method of administration: spot-on use.

Dosage depends on the weight of animal.

Dogs weighing above 10 kg and to 20 kg: the contents of one tube of 1.34 ml (M)

This ensures a minimum recommended dose of fipronil of 6.7 mg/kg bw. Monthly treatment is recommended in case of a high risk of repeated attacks by fleas, if the dog is allergic to flea bites, in case of necessary control of tick infestation, or at frequent bathing of the dog using hypoallergenic or moisturizing shampoos. In areas where there is no serious infestation by fleas and ticks, FIPRON spot-on for dogs can be applied every two to three months.

FIPRON spot-on for dogs is effective against flea infestation for approximately two months and against ticks for up to 1 month, depending on the strength of environmental contamination. Fleas are killed within 24 hours after infestation.

### SHELF LIFE

24 months, use immediately after opening the bag.

### STORAGE

This veterinary medicinal product does not require any special temperature storage conditions. Store in the original container in order to protect from light. Store in a dry place.

### PACKAGE

1, 3 or 25 single-dose tubes.



Fipronil kills a flea or tick upon a mere contact, an insect does not need to suck blood for the effect to occur



## FIPRON 268 mg spot-on solution for dogs L

### COMPOSITION

One tube (2.68 ml) contains fipronil 268 mg Spot-on solution. Clear, yellow to yellow-green solution.

### TARGET SPECIES

Dogs.

### INDICATION

Treatment and prevention of flea infestation (*Ctenocephalides* spp.) and related flea allergy dermatitis (FAD) in dogs. Treatment and prevention of infestation by ticks (*Rhipicephalus* spp., *Dermatocentor* spp., *Ixodes* spp.) and lice (*Trichodectes canis*) in dogs.

### DOSAGE

For lack of data the minimum time between two applications is 4 weeks.

Method of administration: spot-on use.

Dosage depends on the weight of animal.

Dogs weighing above 20 and to 40 kg: the contents of one tube of 2.68 ml (L)

This ensures a minimum recommended dose of fipronil of 6.7 mg/kg bw. Monthly treatment is recommended in case of a high risk of repeated attacks by fleas, if the dog is allergic to flea bites, in case of necessary control of tick infestation, or at frequent bathing of the dog using hypoallergenic or moisturizing shampoos. In areas where there is no serious infestation by fleas and ticks, FIPRON spot-on for dogs can be applied every two to three months.

FIPRON spot-on for dogs is effective against flea infestation for approximately two months and against ticks for up to 1 month, depending on the strength of environmental contamination. Fleas are killed within 24 hours after infestation.

### SHELF LIFE

24 months, use immediately after opening the bag.

### STORAGE

This veterinary medicinal product does not require any special temperature storage conditions. Store in the original container in order to protect from light. Store in a dry place.

### PACKAGE

1, 3 or 25 single-dose tubes.



A broad spectrum  
of effects in  
comparison with  
other preparations



## FIPRON 402 mg spot-on solution for dogs XL

### COMPOSITION

One tube (4.02 ml) contains fipronil 402 mg Spot-on solution. Clear, yellow to yellow-green solution.

### TARGET SPECIES

Dogs.

### INDICATION

Treatment and prevention of flea infestation (*Ctenocephalides* spp.) and related flea allergy dermatitis (FAD) in dogs. Treatment and prevention of infestation by ticks (*Rhipicephalus* spp., *Dermatocentor* spp., *Ixodes* spp.) and lice (*Trichodectes canis*) in dogs.

### DOSAGE

For lack of data the minimum time between two applications is 4 weeks.

Method of administration: spot-on use.

Dosage depends on the weight of animal.

Dogs weighing above 40 kg: the contents of one tube of 4.02 ml (XL)

One tube of 4.02 ml and one pipette of the suitable smaller size for dogs weighing above 60 kg bw.

Monthly treatment is recommended in case of a high risk of repeated attacks by fleas, if the dog is allergic to flea bites, in case of necessary control of tick infestation, or at frequent bathing of the dog using hypoallergenic or moisturizing shampoos. In areas where there is no serious infestation by fleas and ticks, FIPRON spot-on for dogs can be applied every two to three months.

FIPRON spot-on for dogs is effective against flea infestation for approximately two months and against ticks for up to 1 month, depending on the strength of environmental contamination. Fleas are killed within 24 hours after infestation.

### SHELF LIFE

24 months, use immediately after opening the bag.

### STORAGE

This veterinary medicinal product does not require any special temperature storage conditions. Store in the original container in order to protect from light. Store in a dry place.

### PACKAGE

1, 3 or 25 single-dose tubes.

The product is badly soluble in water, which ensures its resistance against rain



## FIPRON 2.5 mg/ml cutaneous spray, solution

### COMPOSITION

1 ml of the spray contains  
*fipronilum* 2.5 mg  
Cutaneous spray, solution

### TARGET SPECIES

Dogs, cats.

### INDICATION

Treatment and prevention of flea attack and associated allergies to flea bite. Treatment and prevention of louse and tick attacks.

### DOSAGE

Generally, the dose is 7.5 mg of Fipronil per kg of the animal's body weight, i.e. in practice 3 ml of the product or 6 squeezes of the application pump per kg of the animal's body weight when using the 100 ml packaging or 2 squeezes of the cap per kg of the animal's body weight when using the 250 ml packaging.

This dose may be increased up to a double in dependence on the animal's hair length, i.e. to 15 mg of fipronil per kg of the animal's body weight, in practice up to 12 squeezes of the application pump per kg of the animal's body weight when using the 100 ml packaging or 4 squeezes per kg of the animal's body weight when using the 250 ml packaging. Spray the whole animal's body from a 10–20 cm distance against the direction of the hair/fur. Usually, a brush or comb is used simultaneously. All hair/fur should be moisturized uniformly with the product so the preparation can penetrate as far as the skin. For the treatment of the head and skin around the eyes, spray the product onto a wet glove and rub it carefully into the hair/fur. Avoid spraying into the eyes. Since no safety studies are available, do not apply the product more frequently than once in 4 weeks.

### SHELF LIFE

24 months.

### STORAGE

Store below 25 °C.  
Protect from frost.

### PACKAGE

1 × 100 ml, 1 × 250 ml.



A unique combination of highly effective natural oils (Gerosil 9) with a high repellent effect

Suitable for daily use

Effective against biting insects including gnats, mosquitoes, midges and horseflies

Solution of vegetable origin

Free of neurotoxic poisons

Long-term effect



## GREEN repellent applied to horses

### COMPOSITION

Active substances:

Geraniol 2.16 g/100 g,  
citriodiol 2.96 g/100 g,  
geranium oil 0.98 g/100 g,  
citronella oil 2.47 g/100 g in  
unique combination (Gerosil 9).

Excipients, hazardous  
components: Denatured ethanol,  
citronellal, lavender oil,  
peppermint oil, eucalyptus oil.

**Instructions for use:** Spray the product evenly from a distance of 20 to 30 cm to the dry and clean hair of the horse! The product may also be applied as a coating. Always apply the product to the head of the horse as a coating using a clean and dry cloth or sponge. Avoid applying the product to the eyes, nostrils and mouth of the horse or to injured sites. Repeat the application as needed.

Multiple applications per day are recommended in periods of high activity of insects. Always read the label and product information before use. Using safety glasses or other eye protection is recommended during application. Wearing protective gloves is recommended when the product is applied as a coating. Use biocides safely.

### STORAGE

Keep in original tightly sealed containers in a ventilated place at a temperature below 30 °C. Do not expose to direct sunlight.

### DANGER

H225 Highly flammable liquid and vapour. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of the reach of children.

P103 Read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces and other sources of ignition. No smoking. P260 Do not breathe vapours. P262 Do not get in eyes, on skin.

### PACKAGE

750 ml

Besides efficacy against *Eimeria* spp. has excellent bacteriostatic effect against G<sup>-</sup> and G<sup>+</sup> bacteria inducing gastrointestinal and respiratory infections



# SULFADIMIDIN BIOVETA 20 g

## powder for preparation of peroral solution

### Sulfadimidinum natricum

#### COMPOSITION

1 bag (containing 20 g of the preparation corresponding to one dose) contains *sulfadimidinum natricum* 20 g

#### INDICATION

Coccidiosis, particularly in poultry and rabbits. Treatment of infectious diseases caused by the nuclei sensitive to sulfadimidine. Continuation of treatment started by application of the injection sulfadimidine.

#### TARGETS SPECIES

Poultry, rabbits, calves, pigs, lambs.

#### DOSAGE

1 bag is dissolved in 10 liters of potable water and administered instead of beverages for 3 days. This 3-day treatment is repeated, if necessary, but only after expiration of the 3-day break without any treatment. Preventive administration to rabbits is suitable at the age of 5–10 weeks, preferably after 2–3 day break of potable water and lush fodder. Method of administration – perorally in the beverage.

#### WITHDRAWAL PERIOD

Meat – 15 days. Do not use in the laying hens whose eggs are specified for human consumption.

#### SHELF LIFE

36 months, after dilution in potable water according to directions: 24 hours.

#### STORAGE

Keep out of the reach and sight of children. Do not store above 25 °C. Store in a dry place. Protect from light. Keep out of the reach and sight of children.

#### PACKAGE

1 sachet a 20 grams,  
5 × 1 sachets a 20 grams.

The product is  
waterproof and  
sweat – resistant



# TOP SPOT ON STRONGER 16.25 g

## solution for application on skin – spot-on for horses

### COMPOSITION

1 vial (25 ml corresponding to one dose) contains permethrin 16.25 g

Solution for application on skin – spot-on.

Light yellow, clear solution.

### TARGET SPECIES

Horses.

### INDICATION

Therapeutic and preventive usage in horses against ectoparasites and flying insects (ticks, mosquitoes, horse-flies, gad-flies and black-flies).

### DOSAGE

Horses – the contents of 1 package (25 ml) for horses with weight approximately 500 kg. The preparation is applied on several sites on skin in the area of the withers and shoulders in a quantity of 2–3 ml in one site.

Fur is spread before application and the solution is applied with an applicator directly on skin. Do not rub in. It is necessary to ensure application of the preparation on such a place, from which the animal cannot lick it and prevent mutual licking among animals. If the animals get wet after treatment or they are shampooed, it is necessary to repeat the therapy. The interval between individual treatments should be at least 7 days.

### SHELF LIFE

24 months.

### STORAGE

Store at a temperate below 25 °C. Protect from light. Protect from cold and freeze.

### PACKAGE

1 × 25 ml, 6 × 25 ml.



Permethrin with  
very low toxicity  
to warm-blooded  
animals



# TOP SPOT ON STRONGER 650 mg

## solution for application on skin – spot-on for dogs

### COMPOSITION

1 applicator (1 ml) of the solution contains permethrin 650 mg  
Solution for application on skin – spot-on.  
Light yellow, clear solution.

### TARGET SPECIES

Dogs.

### INDICATION

Therapeutic and preventive usage in dogs against ectoparasites – fleas, ticks.

### DOSAGE

#### Dogs

up to 15 kg – content

of 1 applicator (1 ml) is applied on skin in the area between the shoulder blades in small dog breeds – (Dog S or 1 applicator from mass packaging).

from 15 to 30 kg – content

of 2 applicators (2 × 1 ml) is applied on skin in the area between the shoulder blades and in the root of the tail in moderate dog breeds – (Dog M or 2 applicators from mass packaging).

above 30 kg – content

of 3 applicators (3 × 1 ml) is applied on skin in the area between the shoulder blades, middle of the back and in the root of the tail in large dog breeds – (Dog L or 3 applicators from mass packaging).

### METHOD OF ADMINISTRATION

Only for administration by instillation on skin.

Fur is spread before application and the solution is applied with an applicator directly on skin. Do not rub in. It is necessary to ensure application of the preparation on such a place, from which the animal cannot lick it and prevent mutual licking among animals. If dogs get wet after treatment or they are shampooed, it is necessary to repeat the therapy. The interval between individual treatments should be at least 7 days.

### SHELF LIFE

24 months.

### STORAGE

Store at a temperature below 25 °C. Protect from light. Protect from cold and freeze.

### PACKAGE

1 × 1 ml (S),  
2 × 1 ml (M),  
3 × 1 ml (L),  
25 × 1 ml, 50 × 1 ml,  
100 × 1 ml.





One dose of product = reliable protection against fleas for 3 months, against ticks for 4 weeks



# TOP SPOT ON DOG S

## solution for application on skin – spot-on for dogs

### COMPOSITION

1 applicator (1 ml) of the solution contains permethrin 650 mg  
Solution for application on skin – spot-on.  
Light yellow, clear solution.

### TARGET SPECIES

Dogs (less than 15 kgs).

### INDICATIONS

Therapeutic and preventive usage in dogs against ectoparasites – fleas, ticks

(*Ctenocephalides* spp.,  
*Ixodes* spp.)

Recommended dose of the TOP SPOT ON DOG S provides protection against ticks infestation for 4 weeks and against fleas infestation for 3 months.

### CONTRAINDICATION

Product should not be used in cats, as this product is toxic for cats.

Top Spot on Dog S should not be used in puppies less than 3 weeks old and dogs weighing less than 2 kgs. Follow the recommended dosage

### DOSAGE

Only for administration by instillation on skin.  
Dogs weighing less than 15 kgs – content of one applicator (1 ml) is applied on skin in the area between the shoulder blades in small dog breeds.

### METHOD OF ADMINISTRATION

Hold the tube with the neck upwards and knock the neck repeatedly with your finger. Break off the tip carefully by twisting motion. Part the hair of the animal in the withers in front of the shoulder blades until the skin is visible. Place the applicator tip on the skin and press the tube repeatedly to empty the entire contents of the tube directly on the skin.

### SHELF LIFE

24 months.

### STORAGE

Protect from light.  
Protect from cold and freeze.

### PACKAGE

1, 3 or 10 single-dose tubes.



Depo effect,  
good local and  
systemic  
tolerance



# TOP SPOT ON DOG M

## solution for application on skin – spot-on for dogs

### COMPOSITION

1 applicator (2 ml) of the solution contains permethrin 1300 mg. Solution for application on skin – spot-on.  
Light yellow, clear solution.

### TARGET SPECIES

Dogs (15–30 kgs).

### INDICATIONS

Therapeutic and preventive usage in dogs against ectoparasites – fleas, ticks (*Ctenocephalides* spp., *Ixodes* spp.)

Recommended dose of the TOP SPOT ON DOG M provides protection against ticks infestation for 4 weeks and against fleas infestation for 3 months.

### CONTRAINDICATION

Product should not be used in cats, as this product is toxic for cats.

Top Spot on Dog M should not be used in puppies less than 3 weeks old. Follow the recommended dosage.

### DOSAGE

Only for administration by instillation on skin.  
Dogs weighing 15–30 kgs – content of one applicator (2 ml) is applied on skin in the area between the shoulder blades and in the root of the tail in medium dog breeds.

### METHOD OF ADMINISTRATION

Hold the tube with the neck upwards and knock the neck repeatedly with your finger. Break off the tip carefully by twisting motion. Part the hair of the animal in the withers in front of the shoulder blades until the skin is visible. Place the applicator tip on the skin and press the tube repeatedly to empty the entire contents of the tube directly on the skin.

### SHELF LIFE

24 months.

### STORAGE

Protect from light.  
Protect from cold and freeze.

### PACKAGE

1, 3 or 10 single-dose tubes.



Using preparations containing permethrin can significantly reduce the incidence of tick-borne diseases in humans and animals



# TOP SPOT ON DOG L

## solution for application on skin – spot-on for dogs

### COMPOSITION

1 applicator (3 ml) of the solution contains permethrin 1950 mg Solution for application on skin – spot-on.  
Light yellow, clear solution.

### TARGET SPECIES

Dogs (above 30 kgs).

### INDICATIONS

Therapeutic and preventive usage in dogs against ectoparasites – fleas, ticks

(*Ctenocephalides* spp., *Ixodes* spp.)

Recommended dose of the TOP SPOT ON DOG L provides protection against ticks infestation for 4 weeks and against fleas infestation for 3 months.

### CONTRAINDICATION

Product should not be used in cats, as this product is toxic for cats.

Top Spot on Dog L should not be used in puppies less than 3 weeks old. Follow the recommended dosage

### DOSAGE

Only for administration by instillation on skin.

Dogs weighing above 30 kgs – content of one applicator (3 ml) is applied on skin in the area between the shoulder blades, middle of the back and in the root of the tail in large dog breeds in large dog breeds.

### METHOD OF ADMINISTRATION

Hold the tube with the neck upwards and knock the neck repeatedly with your finger. Break off the tip carefully by twisting motion. Part the hair of the animal in the withers in front of the shoulder blades until the skin is visible. Place the applicator tip on the skin and press the tube repeatedly to empty the entire contents of the tube directly on the skin.

### SHELF LIFE

24 months.

### STORAGE

Protect from light.  
Protect from cold and freeze.

### PACKAGE

1, 3 or 10 single-dose tubes.



# ANTIANAEMICS

11

FERRIBION 100 mg/ml  
GAFERVIT mite  
GAFERVIT

Injection  
antianaemic  
product with  
trivalent iron in the  
dextraferranum  
form



# FERRIBION 100 mg/ml injection solution

## COMPOSITION

1 ml of injection solution  
contains:

*Dextraferranum* 100,000 mg

## TARGET SPECIES

Cattle, horses, sheep, goats,  
piglets, dogs, minks, foxes.

## INDICATIONS

Anemia, hypoglobulinemia,  
cachexy, delayed development,  
weaning-related diseases  
(diarrhea, inappetence, etc.),  
piglet metabolism disorders.

## DOSAGE

	Prophylactically	Therapeutically
Adult cattle, horse	4 – 8 ml	8 – 12 ml
Calf, sheep, goat	2 – 4 ml	4 – 6 ml
Piglet (2 – 3 days old)	1 – 2 ml	2 – 2.5 ml
Lamb	1.5 – 2.5 ml	2 – 4 ml
Dog	1 - 2 ml	Prophylactic doses should be repeated
Mink (8 – 12 weeks old)	0.5 ml	2–3 times
Mink (3 months and above)	1 ml	at the intervals
Fox (6 – 12 weeks old)	1 ml	of 1–2 weeks
Fox (3 months and above)	2 ml	

The injection is applied into the gluteal musculature on a medial thigh surface and into the neck musculature in piglets and other animals, respectively.

## ROUTE OF ADMINISTRATION

Intramuscularly.

## WITHDRAWAL PERIOD

None.

## SHELF LIFE

Shelf-life 2 years, after first  
opening of the immediate  
packaging: 28 days.

## STORAGE

Store in a refrigerator  
(2 °C – 8 °C).

## PACKAGE

50 ml, 100 ml, 500 ml in glass vial  
or plastic HDPE bottle.



Injection  
antianemic,  
immunopreventive  
and vitamin of  
group B product  
with the unique  
content of porcine  
serum



# GAFERVIT mite

## injection solution

### COMPOSITION

1 ml of injection solution  
contains:

<i>Serum suillum nativum</i>	0.8 ml
<i>Dextraferranum</i>	7 mg
<i>Thiamini hydrochloridum</i>	0.03 mg
<i>Riboflavinum</i>	0.0114 mg
<i>Pyridoxini hydrochloridum</i>	0.0028 mg
<i>Nicotinamidum</i>	0.4284 mg
<i>Calcii pantothenas</i>	0.016 mg
<i>Cupri chloridum</i>	0.02707 mg
<i>Cobaltosi chloridum anhydricum</i>	0.00266 mg

### TARGET SPECIES

Piglets.

### INDICATIONS

Anemia, hypoglobulinemia, cachexy, delayed development, weaning-related diseases (diarrhea, inappetence, etc.), piglet metabolism disorders.

### DOSAGE

Piglets  
up to 10 days of age 5 ml  
Piglets  
from 10 to 20 days of age 10 ml  
Piglets over 20 days of age 20 ml

### ROUTE OF ADMINISTRATION

Intramuscularly.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 2 years, after first opening of the immediate packaging: 28 days.

### STORAGE

Store in a refrigerator  
(2 °C – 8 °C).

### PACKAGE

10 ml, 20 ml, 50 ml, 100 ml,  
250 ml, 500 ml and 1.000ml  
in glass vial or plastic HDPE  
bottle.



Injection  
antianemic,  
immunopreventive  
and vitamin  
of group B product  
with the unique  
content  
of pure porcine  
immunoglobulines



# GAFERVIT

## injection solution

### COMPOSITION

100 ml of injection solution  
contains:

<i>Immunoglobulinum suillum nativum</i>	5000,000 mg
<i>Dextraferranum</i>	700,000 mg
<i>Thiamini hydrochloridum</i>	3,000 mg
<i>Riboflavinum</i>	1,140 mg
<i>Pyridoxini hydrochloridum</i>	0,280 mg
<i>Nicotinamidum</i>	42,840 mg
<i>Calcii pantothenas</i>	1,600 mg
<i>Cupri chloridum</i>	2,707 mg
<i>Cobaltosi chloridum anhydricum</i>	0,266 mg
<i>Thiomersalum Natrii chloridi solutio 9 g/l parenteralis</i>	

### TARGET SPECIES

Piglets.

### INDICATIONS

Anemia, hypoglobulinemia, cachexy, delayed development, weaning-related diseases (diarrhea, inappetence, etc.), piglet metabolism disorders.

### DOSAGE

Piglets	
up to 10 days of age	3 ml
Piglets from 10 to 20 days of age	5 ml
Piglets over 20 days of age	10 ml

### ROUTE OF ADMINISTRATION

Intramuscularly.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 2 years, after first opening of the immediate packaging; 28 days.

### STORAGE

Store in a refrigerator (2 °C – 8 °C).

### PACKAGE

10 ml, 20 ml, 50 ml, 100 ml, 250 ml, 500 ml and 1.000 ml in glass vial or plastic HDPE bottle.



# ANAESTHETICS

12

NALGOSED 10 mg/ml  
NARKAMON 100 mg/ml  
NARKAMON 50 mg/ml  
ROMETAR 20 mg/ml  
XYLASED 100  
XYLASED 500

Butorphanol is a central nervous system acting analgesic with both opiate agonist and antagonist activity



# NALGOSED 10 mg/ml

## solution for injection

## Butorphanol

### COMPOSITION

1 ml of the solution for injection contains butorphanol 10 mg (as butorphanol tartrate 14.58 mg)

### INDICATION

The product is indicated for the management of analgesia and sedation in horses; for the management of analgesia, sedation and preanaesthesia in dogs and cats.

### TARGET SPECIES

Dogs, cats, horses.

### DOSAGE

**HORSE:** Only for intravenous (IV) administration, **DOG, CAT:** Intravenous (IV), subcutaneous (SC) or intramuscular (IM) administration

### HORSE

As an analgesic: Butorphanol alone: Administer a dose of 0.1 mg/kg bw, equivalent to 0.01 ml of the product/kg bw, i.e. 1 ml/100 kg bw, by IV injection.

As a sedative: Butorphanol in combination with detomidine or butorphanol in combination with romifidine

### DOG

As an analgesic: Butorphanol

alone: Administer a dose of 0.2-0.3 mg/kg bw, equivalent to 0.02-0.03 ml of the product/kg bw, i.e. 0.2-0.3 ml/10 kg bw, by IV, IM or SC injection.

As a sedative: Butorphanol in combination with medetomidine

As a preanaesthetic: Butorphanol alone: Administer a dose of 0.1-0.2 mg/kg bw, equivalent to 0.01-0.02 ml of the product/kg bw, by IV, IM or SC injection.

As a sedative and preanaesthetic – premedication of barbiturate anaesthesia: Butorphanol in combination with medetomidine  
As a part of the anaesthesia protocol: Butorphanol in combination with medetomidine and ketamine  
**CAT**

As a preoperative analgesic: Butorphanol alone: Administer a dose of 0.4 mg/kg bw, equivalent to 0.04 ml of the product/kg bw, i.e. 0.2 ml/5 kg bw, by IM or SC injection. When intravenous induction of anaesthesia is used, administer butorphanol 15–30 minutes before administering the anaesthetic. When intramuscular induction of

anaesthesia is used (acepromazine/ketamine or xylazine/ketamine), administer butorphanol 5 minutes before administering the anaesthetic.

As a postoperative analgesic:

i) Intramuscular, subcutaneous administration

ii) Intravenous administration

As a sedative: Butorphanol in combination with medetomidine

As a part of the anaesthesia

protocol: Butorphanol in combination with medetomidine and ketamine

i) Intravenous administration

ii) Intramuscular administration

### SHELF LIFE

Shelf life of the veterinary medicinal product as packaged for sale: 2 years.

Shelf life after first opening the immediate packaging: 28 days.

### SPECIAL STORAGE

#### PRECAUTIONS

This veterinary medicinal product does not require any special storage conditions.

Protect from light.

### PACKAGE

10 ml.

Ketamine is used with other agents for sedation, analgesia and total dissociative anesthesia



# NARKAMON 100 mg/ml solution for injection Ketamine

## COMPOSITION

1 ml of clear, colourless solution for injection contains  
*ketaminum* 100 mg.

## INDICATION

Short term general anaesthesia in dogs, cats, horses and donkeys for diagnostic and therapeutic procedures.

## TARGET SPECIES

Dogs, cats, horses and donkeys.

## DOSAGE

Method of administration: intramuscular or intravenous. The dosage should be adjusted individually to individual patients.

### Horse

The usual dose is 2 ml of the product/100 kg of live weight (i.e. 2 mg of ketamine/kg of live weight) quickly intravenously. For safe effect of ketamine is required sedative premedication e.g. acepromazin 0.1 mg/kg of live weight, then guaifenesin 90–120 mg/kg of live weight or xylazine 0.4–0.6 mg/kg of live weight i.v.

### Dog

Monoanaesthesia 0.1–0.2 ml of the product/kg of live weight (i.e. 10–20 mg of ketamine/kg of live weight) intramuscularly  
Combination options: atropin 0.05 mg/kg of live weight i.v., i.m., s.c. together with acepromazine in a dose of 0.1 mg/kg of live weight, after initiation of their effect NARKAMON 100 mg/ml solution for injection in a dose of 0.2 ml/10 kg of live weight. (i.e. 2 mg of ketamine/kg of live weight) intravenously

### Cat

Monoanaesthesia 0.2–0.4 ml of the product/kg of live weight (i.e. 20–40 mg of ketamine/kg of live weight) intramuscularly  
Combined anaesthesia: 0.1–0.2 ml of the product/kg of live weight (i.e. 10–20 mg of ketamine/kg of live weight) intramuscularly

## SHELF LIFE

Shelf-life 24 months, after first opening the immediate packaging 28 days.

## SPECIAL STORAGE

### PRECAUTIONS

Keep out of the reach of children. Keep the vial in a box, protected against light. Protect from frost.

### PACKAGE

50 ml.

Ketamine is used with other agents for sedation, analgesia and total dissociative anesthesia



# NARKAMON 50 mg/ml solution for injection

## Ketamine

### COMPOSITION

1 ml of the product contains *ketaminum* 50 mg  
Clear colourless solution for injection.

### TARGET SPECIES

Horse, calf, sheep, goat, dog, cat, feline, monkey, ape, antelope, deer, roe deer, bird of prey, parrot, pigeon, reptile, mouse, rat and guinea pig.

### INDICATIONS

As monoanaesthetic (separately) in cats for diagnosis, treatment and minor surgical procedures not requiring myorelaxation (reducing of muscle tension). In combination with tranquilizers (sedatives), injection or inhalation anaesthetics (desensitizers) for a majority of medium and larger surgeries in horses, calves, sheep, dogs, cats, zoo animals, small animals, birds and reptiles.

### DOSAGE

Posology depends on the animal species, the method of administration and the required intensity of anaesthesia. The effect of ketamine can be

extended in all domestic animals by a repeated administration of 1/3 to 1/2 of the initial dose at the time of first signs of awakening.

**Horse:** Xylazine 1.1 mg/kg bw slowly intravenously, after the onset of intensive sedation ketamine is administered in a dose of 2.2 mg/kg bw quickly intravenously within 2 minutes.

**Calf, sheep, goat:** Atropine 0.1–0.2 mg/kg bw intramuscularly, 10–15 minutes later ketamine 10 mg/kg bw intramuscularly.

**Dog:** Ketamine in combination with xylazine is the most frequent method of general anaesthesia in dog. Atropine 0.05 mg/kg bw + xylazine 1–2 mg/kg bw + ketamine 10–20 mg/kg bw simultaneously or subsequently intramuscularly. Medium and large dog breeds: atropine 0.05 mg/kg bw + xylazine 1–1.5 mg/kg bw simultaneously intramuscularly. 5–10 minutes later, 2 mg/kg bw of 1% ketamine solution, slowly intravenously. Anaesthesia starts after the ketamine injection is terminated

and persists for 10–15 minutes.

**Cat:** For sedation, 5–10 mg/kg bw to examine and treat the animal without any pain. For general anaesthesia, 20–25 mg/kg bw intramuscularly. To reduce the percentage of side ketamine manifestations and to achieve relaxation, the following procedure is recommended: atropine 0.05 mg/kg bw + xylazine 0.5 mg/kg bw subcutaneously (or diazepam 0.25–0.5 mg/kg bw intramuscularly). 15–20 minutes later, ketamine 10–15 mg/kg intramuscularly. Ketamine is administered intramuscularly (i.m.) or intravenously (i.v.).

### WITHDRAWAL PERIOD

Meat 24 hours, no withdrawal period for milk.

### SHELF LIFE

Shelf-life 24 months, after first opening the immediate packaging 28 days.

### STORAGE

Store below 25 °C. Protect from light.

### PACKAGE

50 ml.

Xylazine is determined to sedation, analgesia and myorelaxation in according to dose and combination with other substances



# ROMETAR 20 mg/ml injection solution      Xylazinum

## COMPOSITION

1 ml contains xylazinum (*ut xylazini hydrochloridum*) 20 mg  
Clear colourless solution for injection.

## TARGET SPECIES

Horses, cattle, dogs, cats, ZOO animals (red deer, roe deer, fallow deer).

## INDICATIONS

Sedation prior to medical examination or not very painful procedures (transfer, weighing, X-raying, cloven hoof treatment, foreign matter removal from the throat of a big animal, ...).  
Prior to painful procedures in combination with local anaesthetics.

## DOSAGE

**Horse:** Use Rometar alone at doses of 0.6 to 1 mg xylazine per kg live weight (i.e. 3–5 ml Rometar/100 kg live weight).  
The combination which is most frequently used for short procedures on a lying patient is as follows: xylazine 1.1 mg/kg live weight slowly i.v., in 2–3 minutes followed by ketamine 2.2 mg/kg live weight rapidly i.v.

**Cattle:** Dose I: 0.25 ml Rometar/100 kg live weight i.m. – sedation to calm the animal down and for minor procedures in local anaesthesia.

Dose II: 0.5 ml Rometar/100 kg live weight i.m. – medium sedation, weak relaxation and analgesia. The patient is allowed to lie down.

Dose III: 1 ml Rometar/100 kg live weight i.m. : very strong sedation with appreciable depression of the CNS, long-lasting myorelaxation and medium analgesia, well suited to the majority of surgeries on a lying patient (local anaesthesia can be applied in addition if appropriate).

Dose IV: 1.5 ml Rometar/100 kg live weight i.m. – induces total anaesthesia with pronounced side effects (bradypnoea, bradycardia, tympanites, salivation).

**Dog:** For sedation: 1 to 3 mg xylazine per kg live weight (i.e. 0.05 to 0.15 ml Rometar per kg live weight) i.m. following 24 hr starvation and premedication with atropine 0.05 mg per kg live

weight s.c. or i.m.

**Cat:** For sedation: 1 to 2 mg xylazine per kg live weight (i.e. 0.05 to 0.1 ml Rometar/100 kg live weight) s.c. or i.m. (doses near the upper limit induce respiratory depression) after 24 to 36 hours of starvation and premedication with atropine (starvation and premedication must not be omitted). Vomiting or urge to vomit are frequent during the starting phase of the effect. In combination with injection anaesthetics (typically ketamine) for inducing total anaesthesia in preparation for the majority of surgeries.

## WITHDRAWAL PERIOD

Meat from cattle and horses: 1 day. Milk from cattle: No withdrawal periods.

## SHELF LIFE

Shelf-life 24 months, after the first opening of the immediate packaging 28 days.

## STORAGE

Store below 25 °C. Protect from light.

## PACKAGE

50 ml.

Injectable product for sedation, myorelaxation and analgesia with higher concentrations of xylazine intended for horses and cattle



# XYLASED 100 mg/ml

## solution for injection      xylazinum (as xylazine hydrochloride)

### COMPOSITION

1 ml of the solution for injection contains:

Active substance: Xylazine (as xylazine hydrochloride) 100.0 mg  
Clear, colourless solution, free of visible particles.

### INDICATIONS

#### Cattle:

Sedation, myorelaxation and analgesia for small surgeries.

#### Horse:

Sedation and myorelaxation.

### TARGET SPECIES

Cattle, horses.

### DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION

#### Cattle

Method of administration: Single slow intravenous or intramuscular administration. When administered intramuscularly, the product may be applied by injection or tranquiliser shot.

Recommended doses for individual routes of administration:

#### i) Intravenous administration:

0.03–0.1 ml of the product/100 kg bw, which is equivalent to a xylazine dose of 0.03–0.1 mg/kg bw

#### ii) Intramuscular administration:

0.05–0.3 ml of the product/100 kg bw, which is equivalent to a xylazine dose of 0.05–0.3 mg/kg bw

#### Horse

Method of administration: Single slow intravenous administration.

Recommended dose: 0.6–1 ml of the product/100 kg bw, which is equivalent to a xylazine dose of 0.6–1.0 mg/kg bw

### WITHDRAWAL PERIOD

Cattle: Meat: 3 days.  
Milk: 36 hours.

#### Horse:

Do not use in horses the meat of which is intended for human consumption.

Do not use in horses the milk of which is intended for human consumption.

### SPECIAL STORAGE PRECAUTIONS

Keep out of the reach of children. Protect from frost. Keep the vial in the carton in order to protect from light. Do not use after the expiry date which is stated on the packaging. Shelf life after first opening the immediate packaging: 28 days.

### PACKAGE:

1 × 10 ml, 1 × 50 ml

Fast sedation, good myorelaxation and transitional analgesia



# XYLASED 500

Xylazinum

## lyophilizate for solution for injection with solvent

### COMPOSITION

Xylazinum (ut *Xylazini hydrochloridum*) 500 mg  
Solvent: Water for injection

### INDICATION

**Cattle:** Sedation, myorelaxation and analgesia at small surgeries; premedication before general anaesthesia. **Horse:** sedation and myorelaxation; premedication before general anaesthesia

### TARGET SPECIES

Cattle, horse, red deer, fallow deer, roe deer

### DOSAGE

The product may be prepared in 3 different concentrations (5%, 10%, 25%), using different amounts of solvent (10 ml, 5 ml, 2 ml). Dissolve the lyophilizate in a quantity of solvent according to the required concentration of solution.

5% and 10% solutions are recommended for injection applications, 25% solution for a narcotizing shot. Always measure in a syringe a respective volume of solvent for the reconstitution of lyophilizate:

- 10 ml of solvent to prepare 5% solution
- 5 ml of solvent to prepare 10% solution
- 2 ml of solvent to prepare 25% solution

Effect in target species:

**Cattle:** The rate of effect depends on an administered dose. The analgesic and anaesthetic effect is growing with an increasing dose. After intramuscular administration, the onset of sedation is established at 5 minutes, with duration of 30–60 minutes. When a dose is increased, deep sedation and marked analgesia occur, the recovery phase is prolonged to 1–2 hours.

**Horse:** After intravenous administration, the onset of xylazine effect is fast, within 1 minute. The effect persists for 15–20 minutes, the recovery phase is 10–15 minutes. Normal condition is restored within 1 hour. After intramuscular administration the onset period is prolonged to 10–15 minutes and the normal condition is restored

within 2 hours after administration.

**Red deer, fallow deer, roe deer:** The onset of effect is established at 5 minutes, the duration of effect is about 20 minutes and the normal condition is restored within 2–3 hours after administration.

**Horse:** At intravenous application the dose should be applied slowly, for 1–2 minutes.

### WITHDRAWAL PERIOD

Cattle: meat 3 days, milk 3 milkings.

### SHELF LIFE

24 months, after the dissolution immediately

### STORAGE

Keep out of the reach and sight of children. Store below 25 °C. Protect from light.

### PACKAGE

1 × 500 mg + 1 × solvent (2 ml) (to prepare 25% solution),  
1 × 500 mg + 1 × solvent (10 ml) (to prepare 5%, 10%, 25% solution)





# INTRAMAMMARY

13

GAMARET  
INTRAMAR LC  
LINEOMAM LC

Product for  
treatment acute  
and chronic  
mastitis during  
lactation with the  
unique antibiotic  
Novobiocinum



# GAMARET

## intramammary suspension

### COMPOSITION

1 applicator 10 ml contains:

<i>Procaini benzylpenicillinum monohydricum</i>	100 mg
<i>Neomycini sulfas</i>	102 000 IU
<i>Dihydrostreptomycini sulfas</i>	91 250 IU
<i>Novobiocinum natricum</i>	100 mg
<i>Prednisolonum</i>	10 mg

### TARGET SPECIES

Cattle – milking cows in lactation period.

### INDICATIONS

Treatment of acute and chronic mastitis in cows in the period of lactation caused by micro-organisms susceptible to novobiocin, penicillin, dihydrostreptomycin and neomycin.

### DOSAGE

The content of one applicator (10 ml of the preparation) is administered to the affected quadrant. Before the preparation is administered the lacteal glands are milking and thoroughly cleaned and disinfected using enclosed cleaning wipes.

#### Administration method:

The preparation is intended only for intramammary use. Shake well before use. Udder and teats are washed as required with warm water and thoroughly dried. The ends of teats are disinfected with an appropriate agent and after removing the plastic cover of the applicator's tip the applicator is inserted to the teat duct. The content is administered to the udder by pressing the piston. After the administration is the particular quadrant massaged in order to ensure a better distribution of the preparation into milk cisterns. If required by the situation, it is possible to repeat therapy after 24–48 hours.

### WITHDRAWAL PERIODS

Meat 7 days, milk – 72 hours (6 milking).

### SHELF LIFE

Shelf-life in an intact package: 18 months

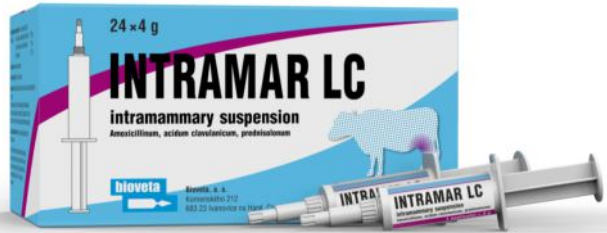
### STORAGE

Store below 25 °C and keep in dry place and protect for light. Do not freeze.

### PACKAGE

10 ml plastic applicators (packaging 20 applicators in paper box).

Product for mastitis treatment with the broad-spectrum efficacy against major bacterial pathogens of mammary gland



# INTRAMAR LC

## intramammary suspension

### COMPOSITION

1 applicator (4 g) contains :

<i>Amoxicillinum (ut amoxicillinum trihydricum)</i>	200.00 mg
<i>Acidum clavulanicum (ut kalii clavulanas)</i>	50.00 mg
<i>Prednisolonum</i>	10,00 mg

### TARGET SPECIES

Cattle.

### CHARACTERISTIC AND INDICATION

The product is intended for the treatment of mastitis in lactating dairy cows. The product contains a broad spectrum antibiotic amoxicillin and clavulanic acid potentiated with corticosteroid prednisolone, which suitably modulates the inflammatory response. Product is indicated for the treatment of environmental and contagious mastitis caused by bacteria sensitive to beta-lactam antibiotics, including the strains producing beta-lactamase, especially species:

*Staphylococcus* spp. including coagulate-negative strains ,  
*Streptococcus* spp. (especially *S. agalactiae*, *S. dysgalactiae*, *S. uberis*), *Enterococcus* spp.

### Administration method:

The product is administered immediately after milking. In each affected district serves a total of 3 doses at 12-hour intervals.

### WITHDRAWAL PERIODS

Meat 7 days, milk 84 hours (7 milking).

### SHELF LIFE

Shelf-life in an intact package: 18 months

### STORAGE

Store below 25 °C and keep in dry place and protect for light. Do not freeze.

### PACKAGE

Each applicator is provided with a self-adhesive label is sealed in PE foil with four pieces. Shipping box of 24 pcs of applicators (6 × 4 pcs) is inserted into a box along with a leaflet.

Product for mastitis treatment caused by bacteria susceptible to a combination of lincomycin and neomycin antibiotics



# LINEOMAM LC

## intramammary solution

### COMPOSITION

1 applicator of 10 ml contains: Lincomycinum (ut hydrochloridum) 330 mg Neomycin sulfate 100,000 IU Intramammary solution. Clear, colourless to yellowish solution.

### TARGET SPECIES

Dairy cows during lactation.

### INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES

Treatment of mastitis caused by bacteria susceptible to a combination of lincomycin and neomycin in dairy cows during lactation. Bacteria generally susceptible to lincomycin and/or neomycin are bacteria of the genus *Staphylococcus* spp., including *S. aureus*, the genus *Streptococcus* spp. including *S. agalactiae*, *S. dysgalactiae* and *S. uberis*, and coliform bacteria, including *E. coli*.

### USE DURING PREGNANCY AND LACTATION

Can be used during pregnancy and lactation.

### AMOUNTS TO BE ADMINISTERED AND ADMINISTRATION ROUTE

Intramammary administration. For one dose, the contents of 1 applicator is administered to each affected quarter, i.e. 100,000 IU neomycin sulfate and 330 mg lincomycin. A total of 3 doses is applied to each affected quarter. Doses are applied at 12-hour intervals. Administer the product by intramammary infusion only, taking aseptic precautions. Apply to a clean, washed and thoroughly dried udder, as soon as possible after milking the treated quarter. Prior to application, disinfect the end of the teat using one of the disinfectant wipes provided (use a new wipe for each teat!). Prior to application, hold the applicator with the cannula pointed upward and remove the cap from the cannula in this position. Immediately after opening, insert the cannula into

the teat canal, press the plunger and dispense the entire contents of the applicator into the affected quarter. It is recommended the teat be massaged briefly, away from the tip of the teat towards the milk cistern, following application.

Each applicator is intended for single use only.

### WITHDRAWAL PERIODS

Meat: 3 days.

Milk: 84 hours.

### SHELF LIFE

Shelf life of the veterinary medicinal product as packaged for sale: 2 years.

Intended for immediate use after first opening.

### STORAGE

Do not freeze. Protect from light.

### PACKAGE

24 × 10 ml, package includes 24 disinfectant wipes moistened with 65% v/v isopropyl alcohol solution

# VITAMINS MINERALS

14

ADE - vit.  
ENERGY BOOSTER BIOVETA  
FRESH HORSE PASTE  
MULTIVIT – MINERAL  
PLASTIN  
VITA E SELEN  
VITAPLASTIN FORTE  
VITAPLASTIN tbl.

Oily injection  
product containing  
vitamins A, D<sub>2</sub>  
and E



## ADE - vit. injection solution

### COMPOSITION

1 ml of injection solution  
contains:

<i>Retinoli propionas</i>	100 000 IU
<i>Ergocalciferolum</i>	100 000 IU
<i>Tocoferoli alfa acetas</i>	30 mg

### TARGET SPECIES

Cattle, horses, pigs, sheep, goats,  
dogs, rabbits.

### INDICATIONS

Hypovitaminosis and avitaminosis A, D<sub>2</sub> and E, growth and metabolic disorders in young domestic animals, increased susceptibility to infectious diseases of the respiratory and the digestive systems; hemeralopia, xerophthalmia, keratomalacia, epithelial alterations, acne, hyperkeratotic eczema, rickets, osteomalacia, disorders caused by low calcium level in the body, promoting bone fractures healing and proper tooth development, dermatitis pustulosa. Supportive treatment of sterility of unknown etiology, prophylaxis of embryonic mortality and fetal development disturbances during the prenatal

period, oligospermia, lack of libido sexualis in males, myodystrophy in lambs and calves, vitamin supplementation in the period before parturition and in newborn animals, especially in exposed hygiene and dietary conditions.

### DOSAGE

Cattle, horse	5–10 ml
Calf, pig, foal	3–7 ml
Piglet, lamb, kid	1–3 ml
Rabbit	0.1 ml
Dog	0.1 ml/5 kg of the body weight

In severe cases, repeat 2–3 times  
in half doses in 2-day intervals.

### METHOD OF ADMINISTRATION

Intramuscularly.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 2 years.

### STORAGE

Store in a refrigerator  
(2 °C – 8 °C), protect from frost,  
keep in dry and dark place.

### PACKAGE

50 ml, 100 ml in glass vial, 500 ml  
in plastic HDPE bottle.



Supplementary  
feed to increase  
performance of  
horses



# ENERGY BOOSTER BIOVETA

## oral gel

ENERGY BOOSTER BIOVETA provides rapid and reliable supply of nutrients, minerals and vitamins important for their health and performance and correct function of vital organs in horses. Paste is easily administered with an oral applicator and due to suitable technological processing. Balanced intake of nutrients, electrolytes and vitamins is manifested by:

- physical stabilisation, fast regeneration and support of appetite with group B vitamins,
- regulation of blood cells production and myoglobin by iron,
- rapid return to full performance capacity and increased will for performance due to metabolic optimisation of essential amino acids,
- by the optimisation of stimuli activation in nerve endings by means of minerals and electrolytes,

- by supplementation of electrolytes after excessive sweating, mainly during and after the procedure.

### COMPOSITION

Supplementary substances: Vitamin E, vitamin B3, B1, B2, B5, B6, B12, iron as sulphate heptahydrate, zinc sulphur heptahydrate, methionin, L-lysine hydrochloride, aspartam, potassium sorbate, emulgators Glucose, saccharose, sodium chloride, potassium chloride, calcium gluconate, magnesium hydrogenphosphate  
Suspension-emulsion preparation with an applicator in a form of paste containing highly concentrated and rapidly available nutritional substances, electrolytes and vitamins.

### TARGET ANIMAL SPECIES

Horses.

### DOSAGE

Oral.

horse (live weight 500 kg):

20 g (1 applicator)

moderate horse breeds:

10 g (1/2 applicator)

small horse breeds:

5 g (1/4 applicator)

*see table below ...*

### STORAGE

Keep out of the reach of children.

Keep at a temperature below

25 °C. Protect from light.

Keep in dry place.

### SHELF LIFE

2 years.

### PACKAGE

1×20 g.

	Daily dose	Time period
<b>General</b> For improvement condition of the horse	20 g	2 times weekly till recovery
<b>Racing horses</b> During extreme short-term exertion (training, races)	20 g	2–5 hours before race and after



Oral gel for  
respiratory  
support and  
against muscle  
fatigue of the  
horse



# FRESH HORSE

## oral gel

### INDICATION

Product with a unique combination of LACARTIN 5 active substances containing oils of peppermint, anis and eucalyptus to facilitate and support breathing, and L-carnitin to spare muscle glycogen and reduce lactate build-up in muscles causing muscle fatigue. The medicinal product comes in the form of sweet, tasty and easy-to-administer gel.

### COMPOSITION

1 applicator contains:  
L-carnitin 4.5 g, peppermint oil, anise oil, eucalyptus oil, silicon dioxide, sucralose, honey, water, sodium methylparaben, sodium propylparaben.

Oral gel.

### TARGET ANIMAL SPECIES

Horses.

### DOSAGE AND METHOD OF ADMINISTRATION

The applicator contains one dose – 12.4 g.

Administer one applicator 15–25 minutes before mounting the horse (show jumping, race horses, reining, dressage, etc.). In other cases 15–25 minutes before starting the sports performance of the horse. Squeeze the applicator contents at the back of the tongue by single pushing the piston.

This medicinal product does not contain any doping substances.

Before application, remove the cap from the applicator by bending it slightly to one side.

### STORAGE

Store at temperatures below 25 °C.

Protect from frost.

### SHELF LIFE

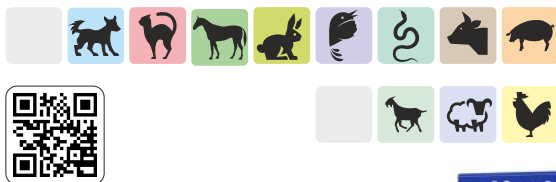
2 years.

### PACKAGE

1 × 12.4 g



Well-balanced mineral supplement for wide spectrum of targets species



# MULTIVIT – MINERAL

## vitamin, mineral and amino-acid product

### COMPOSITION

1 ml of injection solution contains:  
*Retinolum* – 50 000 IU, *Colecalciferolum* – 25 000 IU, *Vitaminum E* – 4 mg, *Thiaminum* – 10 mg, *Riboflavinum* – 0,04 mg, *Pyridoxinum* – 2 mg, *Cyanocobalaminum* – 0,01 mg, *Dexpanthenolum* – 2 mg, *Acidum nicotinicum* – 5 mg, *Inositolum* – 2 mg, *Methioninum racemicum* – 5 mg, *Cholini citricum* – 5 mg, *Magnesii hypophosphis hexahydricus* – 1 mg, *Cobaltosi chloridum* – 0,02 mg, *Cupri sulfas* – 0,1 mg, *Zinci sulfas* – 0,1 mg

### TARGET SPECIES

Cattle, horse, sheep, pig, goat, dog, piglets, kids, lambs, hens, chickens, turkeys and their chickens, ducks, ducklings, geese, goslings, pigeons and exotic birds.

### INDICATIONS

Hypovitaminosis and avitaminosis A, D3 and E and vitamins soluble in water; growth and metabolism disorders in young domestic animals, increased susceptibility to infectious diseases of respiratory and digestive systems; hemeralopia, xerophthalmia, keratomalacia, epithelial alteration, acne, hyperkeratotic eczema, rachitis,

osteomalacia, disorders caused by low calcium level in the organism, support of bone fractures healing and correct teeth genesis, dermatitis pustulosa in piglets, neuritis, therapy with chemotherapeutics, panmyelopathy, intestinal atonia, somniphathy and liver disorders. Supportive treatment of sterility without known aetiology, prophylaxis of embryonic mortality and foetus genesis disorders in the prenatal period, oligospermia, poor libido sexualis in males, myodystrophia in lambs and calves; replenishment of vitamin and mineral reserves before giving birth and at new-born animals, especially in exposed zoohygienic and dietetic conditions.

### DOSAGE

The recommended dose for intramuscular or subcutaneous administration is:  
 Cattle: 2–6 ml/100 kg bw  
 Sheep, pigs, goats: 1,5–2,5 ml/50 kg body weight  
 Piglets, kids, lambs: 1–1,5 ml/10 kg body weight  
 Dog: 0,5–5 ml/10 kg body weight

The upper tolerance of the dose is maximum for one animal. The dose can be repeated in 10–14 days. The recommended dose for oral administration is:  
 Calves, foals (50 kg bw) 1 ml/8 animal/day  
 Piglets, lambs, kids (5 kg bw) 1 ml/40 animal/day  
 Pigs (100 kg bw) 1 ml/4 animal/day  
 Horses, cattle (500 kg bw) 2 ml/1 animal/day

### METHOD OF ADMINISTRATION

The product is administered intramuscularly, subcutaneously and orally.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 2 years, after first opening of the immediate packaging: 28 days. After dilution ( for oral administration) – 12 hours.

### STORAGE

Store at temperature at 8–15 °C in the dark and dry place.

### PACKAGE

50 ml, 100 ml, 250 ml and 500 ml in glass vials.

Minerals for  
peroral  
administration  
with vanilla  
flavor



# PLASTIN

## mineral food complement for pigs, dogs and poultry

### COMPOSITION

Calcium carbonate, calcium dihydrogen and hydrogen phosphate monohydrate, iron sulfate monohydrate, zinc oxide, zinc and amino acid n-hydrate chelate complex, iron and amino acid n-hydrate chelate complex, copper(II) oxide (CuO), copper and amino acid n-hydrate chelate complex manganese (II)oxide, manganese and amino acid n-hydrate chelate complex, potassium iodide (KI), vanilla flavor

Completion of mineral substances into the feeding dose. Perorally in feed.

### DOSAGE

Pigs: 5–10 g, i.e. a flat coffee spoon 1–2 times a day, depending on the size.

Piglets: 1–3 times a day one knife point to the smallest ones.

3–5 g per day, i.e. less than or a flat coffee spoon once a day.

Dogs: 1–5 g per day, i.e. twice the knife point up to the flat coffee spoon once a day, depending on the size.

Poultry: 0.5–1.5 g per day, i.e. one heaped coffee spoon for 10 hens or for 50–100 chickens per day.

### STORAGE

On a dry place, in intact, duly sealed original packages at the temperature up to 25 °C.

### SHELF LIFE

36 months.

### PACKAGE

1 kg, 5 kg

Product intended for prophylaxis and therapy of diseases caused by the deficiency of the vitamin E and selenium



# VITA E SELEN

## solution for injection

### COMPOSITION

1 ml of injection solution contains:

*Alpha-tocopherol acetate* 25 mg  
*Sodium selenite* 2.2 mg  
 (equivalent to 1 mg of selenium)

### TARGET SPECIES

Lambs, calves, young cattle, cows, pigs.

### INDICATIONS

Prevention and therapy of diseases associated with deficiency of vitamin E and selenium, especially muscular dystrophy in young livestock; beneficial effect on the reproduction of cows.

### DOSAGE

Animal species	Dose - prophylactic	Dose - therapeutic
Lambs up to 3 weeks of age	1 ml	2 ml
Lambs over 3 weeks of age	2 ml	4 ml
Calves, young cattle	10 ml/100 kg bw	20 ml/100 kg bw
Piglets	1 ml/10 kg bw	2 ml/10 kg bw
Cows (3 weeks before calving)	20 ml	

### METHOD OF ADMINISTRATION

Intramuscularly into the neck muscles.

### WITHDRAWAL PERIODS

Meat: 30 days

Milk: none

### SHELF LIFE

Shelf-life 2 years, after first opening of the immediate packaging: 28 days.

### STORAGE

Store at temperature below 25 °C, do not freeze, protect from light.

### PACKAGE

50 ml and 100 ml in brown glass vials.

Well-balanced mineral supplement for wide spectrum of targets species



# VITAPLASTIN FORTE

## mineral food complement

### COMPOSITION

Calcium carbonate, calcium dihydrogen and hydrogen phosphate monohydrate, calcium-magnesium carbonate, iron sulfate monohydrate, iron(III)oxide, zinc oxide (ZnO), zinc and amino acid n-hydrate chelate complex, iron and amino acid n-hydrate chelate complex, vanilla flavor, copper(II), copper and amino acid n-hydrate chelate complex, manganese (II)oxide, manganese and amino acid n-hydrate chelate complex, potassium iodide  
Completion of mineral substances into the feeding dose. Perorally in feed.

### TARGET ANIMAL SPECIES

Horses, Cattle, Sheep, Goats, Pigs, Dogs, Silver Foxes, Rabbits, Poultry and Exotic Birds.

### DOSAGE

Horses, cattle: 30–60 g per day, i.e. one heaped tablespoon 1–2 times a day. In large-capacity breeding farms one ½ liter bottle of powder 1–2 times a day per each 10–14 cows.  
Foals, calves: 10–30 g per day, i.e. a heaped coffee spoon 1–3 times a day, depending on the size.  
Sheep, goats: 10 g per day, i.e. a flat coffee spoon 2 times a day. Lambs: 1–3 times a day one knife point to the smallest ones. 3–5 g per day, i.e. less than or a flat coffee spoon once a day.  
Pigs: one flat coffee spoon 1–2 times a day, or one heaped coffee spoon per each 3 heads, 3 times a day /5–10 g/.  
Piglets: 1–3 times a day one knife point to the smallest ones. 3–5 g per day, i.e. less than or a flat coffee spoon once a day, or one heaped coffee spoon per each 3 heads, 1–2 times a day.  
Dogs, silver foxes: 1–5 g per day, i.e. one knife point 2 times a day, up to one flat coffee spoon once a day.

Rabbits: one knife point once a day.

Poultry: 0.5–1.5 g per day, i.e. one knife point 1–3 times a day, or one flat to heaped coffee spoon for 10 hens or for 50–100 chickens per day. Proportionately more to ducklings or goslings, depending on their body weight.

Exotic birds: one knife point into 100 g of soft feed.

### STORAGE

On a dry place, in intact, duly sealed original packages at the temperature up to 25 °C.

### SHELF LIFE

36 months.

### PACKAGE

1 kg, 5 kg.

Minerals in tablets  
for correct dosage  
and easy  
administration



## VITAPLASTIN tbl. mineral food complement

### COMPOSITION

Calcium carbonate, dried blood plasma, calcium dihydrogen and hydrogen phosphate monohydrate (monocalcium phosphate), calcium-magnesium carbonate.

### Nutritional supplementary substances

iron, iron(III)oxide ( $\text{Fe}_2\text{O}_3$ ), iron and amino acid n-hydrate chelate complex  
iodine, copper, copper and amino acid n-hydrate chelate complex ( $\text{Cu}(x).n \text{ H}_2\text{O}$ ),  
manganese (manganese (II)oxide ( $\text{MnO}$ ), manganese and amino acid n-hydrate chelate complex,  
zinc (zinc oxide ( $\text{ZnO}$ ), zinc and amino acid n-hydrate chelate complex ( $\text{Zn}(x)_{1-3}.n \text{ H}_2\text{O}$ )), vanilla flavor

Completion of mineral substances into the feeding dose. Perorally in feed.

### TARGET ANIMAL SPECIES

Dogs, silver foxes and cats.

### DOSAGE

Dogs, silver foxes: 2 – 6 tablets daily according to an animal's weight.

Cats: 2 tablets daily.

### STORAGE

Store in a dry place, in an undamaged, duly sealed original packages, at the temperature up to 25 °C.

### SHELF LIFE

36 months.

### PACKAGE

150 tablets in a box.



# JOINT NUTRITION

15

HYALCHONDRO DC Plus  
HYALCHONDRO EC Plus  
HYALURONAN BIOVETA 10 mg/ml



A high complementary feed supplement providing a painless aid for maintaining healthy joints

THE PRODUCT DOES NOT CONTAIN ANY DOPING SUBSTANCES!



# HYALCHONDRO DC Plus

## food supplement for dogs

- for all puppies up to three months of age to fortify and support healthy development of the locomotor system,
- for all breeds of dogs to increase resistance during sport and work activities, since the unique combination of HCK with manganese positively influences metabolism of collagen, production of body connective tissues, mainly formation of cartilage, for all older dogs and dogs after an injury since combination of HCK with vitamin E and manganese increases the resistance of the organism during stress conditions and positively influences the course of osteoarthritis therapy

### COMPOSITION

Hyaluronan – chondroitin complex, invert sugar with reduced glycem index (glucose, fructose), vitamin E (as DL-alpha tocopherol acetate), manganese (in the form of manganese sulphate, monohydrate), stabilisers.  
Peroral emulsion.

### INDICATION

Food supplement is specifically intended to support correct development and function of the locomotor system in all dog species. It is used in case of increased demands on the locomotor system of the dogs in the period of growth, in case of training and working exertion, after injuries to support and restore function of the locomotor system. It is appropriate to use the product also in older dogs and in dogs in recovery after injuries or in the period after previous joint procedure or operation, where the usage of the product results in higher quality and longer active life of the dog. The main active ingredient of the product is hyaluronic acid together in a complex with chondroitin sulphate. The maximal efficiency of the product is ensured with higher concentration of two main components of the joint nutrition. The product is also enriched with vitamin E and

manganese. The unique combination of the aforementioned substances ensures, apart from the support of correct development and function of the locomotor system, also the improvement of the physical condition of the dogs, it also increases resistance of the organism during exertion, during growth, training and after previous joint disorders.

### RECOMMENDED DOSAGE

Up to 10 kg	1 ml/day
10–30 kg	2 ml/day
30–50 kg	3 ml/day
50–70 kg	4 ml/day

Single dose before feeding or together with feed for a period of 30 days continuously.

### SHELF LIFE

24 months, after the first opening 6 months.

### STORAGE

Keep at a temperature below 25 °C. Protect from light.

### PACKAGE

120 ml.





A food supplement  
improving quality  
of the joint  
cartilage  
for painless  
movement

THE PRODUCT DOES NOT  
CONTAIN ANY DOPING  
SUBSTANCES!



# HYALCHONDRO EC Plus

## food supplement for dogs

### COMPOSITION

Peroral emulsion  
Hyaluron – Chondroitin –  
Complex with manganese and  
vitamin E. A unique food  
supplement supporting  
development and maintaining  
healthy locomotor system in all  
categories of sport and labour  
horses and ponies  
HYALCHONDRO EC plus is  
suitable especially for:  
sport, racing and saddle horses  
prior to the initiation and during  
the season, young horses and  
ponies to support healthy  
development of the locomotor  
system. labour breeds and older  
horses to extend active age.  
all horse breeds in the period of  
recovery after a previous disease  
or surgical procedure on the  
locomotor system.

### INDICATION

Food supplement is specifically  
intended to support correct  
development and function of the  
locomotor system in all horse  
breeds. It is used in case of  
increased demands on the

locomotor system of horses, in  
the period of growth to  
strengthen and support quality  
development of the locomotor  
system, in case of training or  
work strains, after injuries and  
after operations on the  
locomotor system. It may be used  
in all age categories of horses.  
A unique combination with  
manganese positively influences  
the metabolism of collagen,  
production of connective tissue in  
the body, especially formation of  
cartilage. Vitamin E has a positive  
effect on the course of  
osteoarthritis and also acts as  
a strong anti-oxidant protecting  
the body against free radicals.  
Vitamin E also increases the  
resistance of the organism during  
strenuous conditions during the  
period of growth and training.  
The product may be administered  
during the whole year. It is  
intended for all sport, racing and  
labour breeds of horses, possibly  
for ponies, as well as to older  
horses to extend their active age.

### DOSAGE

In order to achieve a maximal  
effect, it is recommended to  
administer the preparation at  
least for a period of 30 days, best  
before the morning feeding or  
together with feeding. The  
product may be administered  
throughout the whole year; we  
recommend at least one to two  
30-day cycles a year depending  
on the exertion of the horse.

#### All categories of horses

15 ml / day  
Continually for a period  
of 30 days

#### All categories of ponies

10 ml / day  
Continually for a period  
of 30 days

### SHELF LIFE

2 years. Use within 6 months  
after 1st opening.

### STORAGE

Keep at a temperature below  
25 °C. Protect from light.

### PACKAGE

2x225 ml.

A low molecular  
hyaluronan  
for rapid efficacy  
of safe intravenous  
administration



# HYALURONAN BIOVETA 10 mg/ml solution for injection

## COMPOSITION

1 ml of the solution for injection contains *sodium hyaluronate* 10 mg  
Solution for injection.  
Clear colourless fluid.

## TARGET SPECIES

Horses, dogs, cats.

## INDICATIONS

### Orthopaedic:

- Acute and chronic osteoarthritis, polyosteoarthritis, subacute and chronic arthritis
- Acute and chronic tendovaginitis, tendinoses and bursitis
- Osteochondroses

### Ophthalmologic:

- Acute and chronic keratitis
- Conjunctivitis, keratoconjunctivitis
- Dry keratoconjunctivitis
- Corneal ulcer, corneal injury

## DOSAGE

### Method of administration:

1) Intravenous (subcutaneous) administration

#### a) Horses:

Dose: usually 6 ml (60 mg).  
Number of doses: 3–7 doses, optimum 5.  
Interval between doses: 3–9 days, optimum 7.

#### b) Dogs, cats:

Dose: slightly lower, usually 3–5 ml.  
Number of doses: 3–7 doses, optimum 5.  
Interval between doses: 3–9 days, optimum 7.

2) Topical administration to the conjunctival sac:

Dose/number of doses: 1–2 drops to the eye (conjunctival sac) every 2–12 hours.  
Period of administration: 5–60 days, possibly permanently (acute inflammation 5–7 days, chronic inflammation until improvement/cure).

## SHELF LIFE

Shelf life of the veterinary medicinal product in intact package: 2 years. The product must be used immediately after first opening of the immediate packaging.

## STORAGE

Store at a temperate below 25 °C. Protect from light. Do not freeze.

## PACKAGE

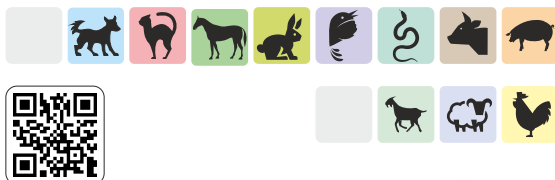
5 × 6 ml.

# DERMATOLOGICS

16

ALAPTID  
BIODEXIN ear lotion  
BIODEXIN shampoo  
BIOPIROX 10 mg/ml  
OTIBIOVIN ear drops, solution  
OTIMIX ear drops, suspension  
OTIPUR ear drops, solution  
OTOFINE  
PIX - FAGI

Original  
dermatologic with  
wound healing  
effects



# ALAPTID<sup>®</sup>

## veterinary ointment

### COMPOSITION

Composition 100 g:

*Alaptidum* – 1 g

Excipients – Polysorbate 60, Cetostearyl alcohol, Paraffin liquid, Propylene glycol, Methyl parahydroxybenzoate, Propyl parahydroxybenzoate, Water for injections.

### CHARACTERISTICS OF THE MEDICINAL PRODUCT

Alaptide (spirocyclic synthetically prepared dipeptide) stimulates the growth of granulation tissue, accelerates the epithelisation process and the course of wound healing.

### INDICATION

A cosmetic veterinary product, which can be used in all warm-blooded non-food animals to treat mild injuries to the skin and mucous membranes, burns, excoriations, frost bites, pressure ulcers, acid burns in canine footpads from salt in the winter period, etc.

### DOSAGE

Externally on skin. Apply the ointment in a layer of 2–3 mm on the skin site; possible slightly wrap with a bandage and keep on site for the required period to support wound healing with occasional controls. In cases, when bandage cannot be used, the ointment is applied 2 times a day or as required. The application period depends on the extent of injured site and the regeneration state. The usual application length varies from 3 – 10 days; longer in chronic neglected cases.

### STORAGE

Store at the temperature from 10 °C to 25 °C.

### SHELF LIFE

36 months, after the first opening 28 days.

### PACKAGE

1 × 20 g.



Antibacterial and antimycotic active agent chlorhexidin digluconate solution 0.1 % and essence of *Melaleuca alternifolia* acting against bacteria and yeasts *Malassezia pachydermatis*



## BIODEXIN ear lotion solution

### COMPOSITION

100 ml of the product contains: *Chlorhexidine digluconate* solution 0.5 ml, Australian tea tree oil, dexpanthenol, propylene glycol, Cremophor RH 40, phenoxyethanol, ethylhexyl glycerol, alpha tocopherol, acetic acid 99%, sodium acetate trihydrate, purified water.

Ear solution.

### TARGET SPECIES

Dog.

### INDICATION

The product is intended for application into the external auditory canal of dogs.

### DOSAGE

Apply 5–8 drops into dog ears. Rub the auditory canal and let the dog shake the medicinal product out. Possible residues of the medicinal product and earwax can be removed by a cotton swab. The procedure can be repeated twice a day. If the symptoms are not improved, seek help from a veterinarian.

### SHELF LIFE

24 months.

### STORAGE

Store in the original container. Store below 25 °C. Protect from light and frost.

### PACKAGE

100 ml.

The product contains four percent of the very active antiseptic agent called chlorhexidine



## BIODEXIN shampoo

### COMPOSITION

100 ml of the medicinal product contains:

*Chlorhexidine digluconate* solution, decyl glucoside, cocoamidopropyl betaine, sodium chloride, cocamine oxide, PEG-7 glyceryl cocoate, laureth-4, PEG/PPG-120/10 trimethylolpropane trioleate, laureth-2, glycerol 85%, benzyl alcohol, methylchloroisothiazolinone, methylisothiazolinone, acetic acid 99%, Brilliant Blue FCF, purified water.

### TARGET ANIMALS

Dog, cat.

The medicinal product contains solution of the antiseptic substance chlorhexidine in the shampoo base. Thanks to a strong antiseptic effect the medicinal product can be used, where the washing, antiseptic and deodorant effect has to be combined.

### INDICATION

Intended for washing coat and skin of dogs and cats, where the antiseptic, cleaning and deodorant effect is needed.

### DOSAGE

Apply small amount of the medicinal product uniformly on the wet animal hair, massage until foam is created. Let act for 5–10 minutes, then flush the animal by water thoroughly. Washing can be repeated in several days, if necessary. When handling the animal, prevent eye contact with the medicinal product.

In case of accidental eye contact, flush eyes with clean water flow.

### STORAGE

Store below 25 °C. Store in a well sealed primary container. Protect from light. Protect from frost.

### SHELF LIFE

24 months.

### PACKAGE

250 ml, 500 ml.

No mutagenic,  
teratogenic,  
carcinogenic  
effects have  
been reported



# BIOPIROX 10 mg/ml

## cutaneous spray, solution

### Piroctolamine

#### COMPOSITION

1 ml of the product contains piroctolamine 10 mg/g  
Cutaneous spray, solution.  
Clear to slightly opalescent solution.

#### TARGET SPECIES

Dog, cat, non-food furry animals and small non-food animals.

#### INDICATION

Treatment of fungal skin diseases caused by dermatophyte fungi in dogs, cats, furry and small animals.

#### DOSAGE

The product should be applied to affected sites by spraying from a distance of 10–20 cm, at least 4 times in 2 to 4-day intervals until disappearance of clinical symptoms.

The highest daily dose and the maximum dose for the whole treatment:

It is recommended to apply the product repeatedly not earlier than 2–4 days after the first application and to one quarter of the body as a maximum.  
Method of administration – dermal, by spraying.

#### SHELF LIFE

24 months.

#### STORAGE

Store below 25 °C.  
Do not freeze.

#### PACKAGE

100 ml.

Logically first step  
in management  
of the otitis  
externa  
in dogs



## OTIBIOVIN ear drops solution

### COMPOSITION

Composition – 1 ml:

<i>Triamcinoloni acetonidum</i>	0.5 mg
<i>Acidum salicylicum</i>	5 mg
<i>Gentamicini sulfas</i>	2 mg
<i>Carbethopendecinii bromidum</i>	0.125 mg

Ear drops, solution. Colourless, slightly turbid solution.

### TARGET SPECIES

Dogs, cats.

### INDICATION

Otitis externa caused by microorganisms sensitive to the active substances of the product.

### DOSAGE

Apply 4–5 drops of the product into the ear canal 3 to 4 times a day at the beginning of treatment, 2 to 3 times a day after 3 days. Then gentle massage around the ear is recommended so that the product can better penetrate the tissues. In case of neglected, crusted conditions it is recommended to soften the tissue first and remove crusts with forceps.

Treatment usually lasts 5 to 7 days, but maximally 12 days (3 days after disappearance of clinical symptoms).

### SHELF LIFE

24 months, after first opening the immediate packaging 12 days.

### STORAGE

Store below 25 °C.  
Protect from light.

### PACKAGE

15 ml.





The right mix  
of the three  
active  
ingredients



# OTIMIX ear drops suspension

## COMPOSITION

Composition – 1 ml:

*Miconazoli nitras* 23 mg

*Polymyxini B sulfas* 5500 IU

*Prednisoloni acetat* 5 mg

Ear drops, white suspension.

## TARGET SPECIES

Dogs.

## INDICATIONS

Otitis externa caused by microorganisms sensitive to the active substances of the product.

### Gram positive microorganisms:

*Staphylococcus* spp.

(particularly *S. intermedius*,

*S. pseudointermedius* a *S. aureus* including MRSA)

*Streptococcus* spp. – hemolytic strains

### Gram negative microorganisms:

*Pseudomonas aeruginosa*, *E. coli*,

*Enterococcus* spp.

Yeasts

*Malassezia pachydermatis*.

The content of the corticosteroid prednisolon suitable improve inflammatory reaction.

## DOSAGE

The drops administer into the ear canal after the cleaning with the cleaning solution. The base of the ear massage carefully after administration.

Apply drops of the suspension into the ear canal, repeat administration twice a day, in the interval of the 12 hours.

The product apply 7 days.

In case of the inflammatory signs continue in the management the other 3–5 days.

The way of the administration:

Topically into the ear canal.

## SHELF LIFE

24 months.

## STORAGE

Store below 25 °C.

## PACKAGE

15 ml, 30 ml.

It dissolves cerumen and impurities and enables further treatment of possible otitis



## OTIPUR ear drops solution

The product for the gentle cleaning of the external auditory canal of the dogs and cats.

### COMPOSITION

1 gram of the drops contains:

lactic acid	10.0 mg,
salicylic acid	1.2 mg,
Carbethopendecinium bromide	5.0 mg,
Propylene glycol	ad 1.0 g

### TARGET SPECIES

Dog, cat.

### INDICATION

The preparation is intended for carefully cleaning of meatus acusticus externus in dogs and cats. It dissolves cerumen and impurities and enables further treatment of possible otitis.

### DOSAGE

Apply a gentle pressure to the applicator and apply the preparation into the external auditory canal. Softened crusts and surface cerumen should be removed with pliers in neglected cases. Massage carefully the affected spots in order to release cerumen and remove it with a tampon until acoustic meatus is free.

### SHELF LIFE

18 months.

### STORAGE

Store below 25 °C, the preparation should not be allowed to freeze!

### PACKAGE

60 g, 200 g in a plastic bottle with dropper.

Herbal essential oils soothe and promote healing



# OTOFINE

## ear lotion

### COMPOSITION

Composition of the product in 100 ml:

Propylene glycol 40.0 g; (±) - alpha-bisabolol 100 mg; fluid alcoholic calendula extract 3.0 g; lavender essential oil 100 mg; basil essential oil 280 mg; macrogol 7 glycerol cocoate; acidifier; disodium edetate dihydrate; foaming regulator; purified water.

### TARGET SPECIES

Dogs, cats.

### INDICATION

OTOFIN ear lotion dissolves ear wax, cleans the outer ear canal of your dog or cat and leaves the skin supple and fragrant. Regular use helps keep the ears clean and healthy. Calendula, lavender, basil, and propylene glycol are known for their ability to reduce the numbers of bacteria and yeasts, they also act against some viruses and mites. Calendula and alpha-bisabolol have a proven anti-inflammatory and soothing effect.

### DOSAGE

Routine use to maintain the ears healthy and clean: once a week  
In case of excessively dirty ears, the product can be applied once daily for 8 days, upon consultation with a veterinarian.

Fill in the external ear canal with the product and gently massage its flexible part. Allow the animal to shake its head and wipe dissolved impurities running out of the ear with a cotton swab. Repeat the procedure in case of very dirty ears.

### SHELF LIFE

24 months.

### STORAGE

Store below 25 °C.

Protect from light and frost

### PACKAGE

100 ml.

The most common indication for use of Pix-Fagi spray is hoof rot shot



## PIX-FAGI Bioveta 200 mg/g cutaneous spray, solution

### COMPOSITION

Composition in 1 g:

Active substance

Fagi pix 200 mg

Cutaneous spray, solution

Brown, slightly opalescent to cloudy liquid

### TARGET SPECIES

Non-food warm-blooded animals, except felines.

### INDICATION

Diseases of the hoof and claw where treatment with tar is indicated, hoof surgery, treatment of hoof defects, treatment following regular trimming of hoofs, fastening of hoof dressings and covering bandages. Dermatomycoses in animals, especially in the early stages or during sequential therapy, when the drying properties of tar are manifested favourably.

Treatment – psoriasis vulgaris, lichen infected atopic dermatitis, lichen simplex chronicus, lichen planus, seborrhoeic dermatitis.

Replacement of woven bandage; an anti-adhesive brown surface film, which repels water, is made after evaporation of solvent. Tar has favourable drying properties.

### DOSAGE

Shake well before use. Apply by spraying from a distance of 15–20 cm, avoid useless running down. When treating claws and hooves it is preferable to create 2–3 layers (apply the following layer only after the previous one has dried completely).

Using the product does not affect the overall health of animals during pregnancy due to the relatively small application area

### WITHDRAWAL PERIOD

Not intended for food-producing animals.

### SHELF LIFE

2 years.

### STORAGE

Store below 25 °C. Protect from light and radiant heat sources. The product is a Class 1 combustible!

### PACKAGE

160 g – in hardened plastic HDPE vials of 250 ml with a mechanical pump.

# ANTISERA

17

CLOTEAN  
IMULYZIN  
POLYEQUAN  
POLYGLOB

High quality  
tetanus antitoxin  
for prophylactic  
and therapeutical  
administration



# CLOTEAN inj. ad us. vet.

## Serum against tetanus

### COMPOSITION

Active substance:

*Immuneserum tetanicum  
equinum nativum*

min. 300 IU/1 ml

### INDICATION

For passive immunization of animals during surgery, injuries, etc. The preparation can be used for therapeutic purposes at the onset of tetanus.

### TARGET SPECIES

Horse, cattle, sheep, goat, pig, dog, cat and, if necessary, other affected animal species.

### DOSAGE

Subcutaneously, intramuscularly and intravenously.

#### Prophylactic

Large animals 4 000–6 000 IU  
(13–20 ml)  
Small animals 2 000–3 000 IU  
(7–10 ml)

#### Therapeutic

Large animals 40 000 IU  
(140 ml)  
Small animals 20 000 IU  
(70 ml)

The therapeutic doses are applied daily for 2–4 days and then depending of the health conditions of the treated animal.

### STORAGE

Store at a dark and dry place at the temperature between 2 °C and 8 °C. Keep out of the reach and sight of children.

### SHELF LIFE

Shelf-life – 24 months, after the first opening – 14 days.

### PACKAGE

1 × 20 ml, 5 × 20 ml, 1 × 100 ml.

The product extends the passive protection of the animal and increases the effect of homologous antibodies



# IMULYZIN

## suspension for injection

### COMPOSITION

1 ml of the product contains :  
*Immunglobulini bovini solutio*  
 (as  $\gamma$ -globulins) min. 0.06 g  
*Lysinum* (as 200 mg *Lysini*  
*hydrochloridum*) 0.16 g

### TARGET SPECIES

Cattle.

### INDICATIONS

1. For protective administration against infectious diseases of the respiratory tract and diarrhoeal diseases in calves, during the states of hypo and agammaglobulinaemia, during various states of emergency and general debilitation.

2. As part of comprehensive treatments (supportive therapy). The product is administered in case of epidemic waves, or at critical times of the year, or for regular treatment of each batch of calves according to the situation.

### DOSAGE

**1. Preventive administration:**  
 Calves under 10 days 10–15 ml  
 Calves over 10 days 15–30 ml  
 The minimum dose is 0.2 ml per 1 kg of body weight to each newly born individual as soon as possible after birth or to each individual included in common stabling, preferably before collection, or after acceptance in the stable, preferably within 24 hours after acceptance. It is recommended to repeat the dose between days 10 and 20 after the first administration.

**2. Therapeutic administration:**  
 Calves under 10 days 15 ml  
 Calves over 10 days 25 ml  
 Other cattle categories 30 ml  
 For therapeutic use it is recommended to repeat the dose 2–3 days later. The basic dose can be increased in cases determined by a veterinary surgeon. Higher doses should be administered in divided portions applied to more sites. Immunity develops shortly after administration and lasts for 2–3 weeks.

### METHOD OF ADMINISTRATION

Subcutaneous or intramuscular administration.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 2 years and after first opening 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C), protect from frost and light.

### PACKAGE

100 ml in glass vial.



The content of antibodies against most common causes of neonatal infection in foals



## POLYEQUAN inj. ad us. vet.

### Serum against foal paralysis

#### COMPOSITION

Composition – 100 ml:

Active substances

*Immuneserum anti Escherichia coli, Salmonella abortus equi, Streptococcus equi, Actinobacillus equinum nativum* 100 ml

#### TARGET SPECIES

Foals.

#### INDICATION

Passive immunization of foals when breeding is endangered or in case of illness induced by *E. coli, Salmonella abortus equi, Streptococcus equi, Actinobacillus equinum nativum* germs.

#### DOSAGE

##### Preventive

Foals aged up to 1 week 25 ml  
Foals aged 1 week and above 50 ml

##### Therapeutic

Double doses should be applied, half of it subcutaneously and the rest intravenously. The application can be repeated, if necessary.

Subcutaneous or intravenous application should be used.

#### SHELF LIFE

2 years,  
after first opening – 10 hours.

#### STORAGE

Keep in a dry and dark place at of 2 to 8 °C.

#### PACKAGE

50 ml, 100 ml.





Effective protection  
of puppies against  
most common  
viral infection



# POLYGLOB

## solution for injection, for dogs

### COMPOSITION

#### Active Substances:

*Immunoglobulinum contra Febris contagiosae canis* min. 160 VNA<sub>50</sub>

*Immunoglobulinum*

*contra Parvovirosis canis* min. 1024 HIU

*Immunoglobulinum contra Hepatitis contagiosae canis at Laryngotracheitis*

*canis* min. 160 VNA<sub>50</sub>

*Immunoglobulinum*

*contra Parainfluenza canis* min. 64 HIU

### TARGET SPECIES

Dog.

### INDICATIONS FOR USE, SPECIFYING THE TARGET SPECIES

Supportive therapy and passive immunoprophylaxis in dogs suffering from or being at risk of distemper, parvovirus, hepatitis, laryngotracheitis and parainfluenza.

High levels of antibodies prevent the occurrence of these diseases or palliate their course.

### DOSAGE

The preventive dose is 0.4 ml per 1 kg of body weight; it should be applied repeatedly at the interval of 48 hours.

The therapeutic dose is 0.4 ml per 1 kg of body weight of the treated animal; it should be applied at 24-hour intervals until improvement of health, but for 5 days as a maximum.

The product can be administered intravenously and intramuscularly.

Intravenous administration induces an immediate onset of passive immunity and provides the highest degree of availability of administered immunoglobulins.

### SHELF LIFE

Shelf-life of the veterinary medicinal product as packaged for sale 2 years, after first opening the immediate packaging: 10 hours.

### STORAGE

Store in a refrigerator (2 °C – 8 °C).

### PACKAGE

1 × 5 ml.





The composition is odorless, harmless to humans and warm-blooded animals, effective against all known species of insects and developmental stages



## BIO KILL insecticidum product for disinsection

### COMPOSITION

Active substance: Permethrine  
2,5 g (0,25 %) in water emulsion.

### CHARACTERISTICS

BIO KILL is a insecticidal spraying preparation with a long-term effect. It is determined for use against insects in households, health service establishments, food- processing plants, social plants, social institutions, against cockroaches, kitchen cockroaches, flies, mosquitos, bed-bugs, fleas, moths, ants, wasps, silver fish, mites, vermins of food and fabrics

### INSTRUCTIONS BEFORE APPLICATION

Shake before application

Apply the preparation from distance of about 30 cm to all places where insects stay and shelter.

The attended area should be evenly wet. The preparation has no odour and it doesn't keep visible traces.

Repeat the spraying after 3–4 weeks or in case of recurrence of insects.

a) Against cockroaches and kitchen cockroaches – apply in form of strips in the cornes of the room, on door and window casing, around litter bins, washbasins, sewerage, distribution of heat and hot water

b) Against flies and mosquitos – apply on places where they usually seat, i.e. on window casing, ceiling, around droplight etc.

c) Against fleas apply on the whole floor, carpet, resting place of pets

d) Against other species – apply direct to a place of their occurrence.

### PACKAGE

100 ml, 200 ml, 450 ml – in white polyethylene bottle with mechanical spraying apparatus  
1000 ml, 5000 ml – in white polyethylene bollte with a top

### STORAGE

At temperature of 10–40 °C.

### SHELF LIFE

36 months.

**Not intended to administration on skin or coat of domestic animals.**

**Toxic for cats, eliminate the contact of cats with the insecticide.**

Long lasting,  
residual effect –  
polymer layer  
reduces the  
possibility of  
pathogens  
adhesion



## IVASAN pets

The concentrated liquid **disinfectant IVASAN Pets** is used to disinfect all washable surfaces and medical equipment in veterinary clinics, veterinary hospital facilities and public spaces in which it prevents infections caused by viruses, bacteria and fungi and prevents their spread.

Treated surfaces (plastic, metal, wood, fabric, leather ...) do not change their colour and properties, their properties are not disturbed, the product is noncorrosive and nonflammable.

**The product can be applied in the presence of people and animals, it does not irritate the skin and mucous membranes.**

### ACTIVE SUBSTANCE

alkyl(C12-16) dimethylbenzyl-ammonium chlorides –  
0.15 g/100 g

**Excipient:** PHMG - polyhexamethylene guanidine hydrochloride

The product has characteristic long-lasting antibacterial (G<sup>+</sup> and G<sup>-</sup> bacteria, tuberculosis bacteria), antiviral and antifungal effects. Existence of resistant

germs has not yet been reported. IVASAN Pets is intended not only for professional use, especially for the needs of veterinary clinics (outpatient clinics, veterinary hospitals, operating rooms, waiting rooms) and laboratories, but also for shelters, larger breeding facilities and households.

Thanks to its safety, the product is suitable for disinfection of transport boxes, cages, terrariums, delivery pens, toilets and breeding tools (combs, toys, beds for pets, harnesses, undersaddle pads...).

### INSTRUCTIONS FOR USE AND DOSAGE

The product may be applied with a brush, mop, cloth, or fogging machine, by spraying, washing, or immersion. The product can be used for manual as well as mechanical disinfection (WAP). It is not necessary to ventilate rooms after application. Prepare solution from 30-50 ml of the concentrate and 1 litre of water.

### DILUTION OF WORKING SOLUTIONS

- Preventive and continuous disinfection: 3% solution (0.3 litre/10 litres of water)
- Focal and final disinfection: 5% solution (0.5 litre/10 litres of water)

Do not wash the surface immediately after treatment. The shortest exposure time is 15 minutes. The water temperature does not influence the product effect. The product can be used together with conventional detergents, but cannot be mixed with other disinfectants.

The time period needed for the biocidal effect – at least 15 minutes.

### STORAGE

Store at 10–25 °C. Do not expose the product to direct sunlight.

### SHELF LIFE

24 months.

### PACKAGE

HDPE bottle 1000 ml, can 3000 ml.

Active substances with antimicrobial activity or the ability to inhibit the growth of microorganism



## IVASAN farm

Ivasan Farm is a liquid, water-soluble product intended for professional disinfection and hygienic sanitation of surfaces, spaces and technological equipment on animal farms and for disinfection of vehicles used for animal transport and feed stores.

### ACTIVE SUBSTANCE

alkyl(C12-16)dimethylbenzylammonium chlorides – 0.25 g/100 g.

**Excipient:** PHMG – polyhexamethylene guanidine hydrochloride

The product has characteristic long-lasting antibacterial (G<sup>+</sup> and G<sup>-</sup> bacteria, tuberculosis bacteria), antiviral and antifungal effects. Existence of resistant germs has not yet been reported. Thanks to its unique properties, the product has a strong biocidal effect on viruses, bacteria and fungi, in full compliance with the current safety for humans, animals and plants. In recommended concentrations, the product can be used in breeding facilities in the presence of animals. IVASAN Farm does not contain chlorine,

has almost neutral pH, is colourless and odourless, which means the maximum environmental friendliness. It does not damage disinfected materials, does not change their colour and is not corrosive.

- Disinfection of livestock buildings (walls, floors, milking equipment)
- Disinfection of technological equipment (feeders, drinkers, fencing of pens, air conditioning)
- Disinfection of vehicles intended for animal transport
- Disinfection of hatcheries (walls, floors, incubators)
- Disinfection continuous, focal and final (virucide, bactericide, fungicide)

### INSTRUCTIONS FOR USE AND DOSAGE

IVASAN Farm can be used in fogging equipment forming fog and thermal fog, in high-pressure apparatuses, by spraying, washing objects and immersion in the solution. The minimum time period needed for the biocidal effect is 15 minutes after

application. Treated surfaces need not be washed subsequently.

### DILUTION OF WORKING SOLUTIONS

- disinfection at low load conditions: 1% solution (0.1 litre/10 litres of water)
- fogging in the presence of animals: 2% solution (0.2 litre/10 litres of water)
- continuous preventive disinfection: 3% solution (0.3 litre/10 litres of water)
- focal and final disinfection: 5% solution (0.5 litre/10 litres of water)
- additive to water-based paints: 5% solution (0.5 litre/10 litres of water)

### STORAGE

No special precautions are necessary. Store at 10–25 °C. Do not expose the product to direct sunlight.

### SHELF LIFE

24 months.

### PACKAGE

Can 5 l, can 10 l.

No toxic components, contains no phenols, aldehydes or esters, colourless, odourless



## IVASAN spray

The liquid disinfectant effective against viruses, bacteria and fungi is intended for direct spraying in veterinary and breeding facilities. The product does not contain chlorine, is nonflammable, colourless and odourless. It disinfects and removes odours from investigation tables, transport boxes, beds for pets, pens, terrariums and breeding tools, including bowls. The **IVASAN spray** does not damage any material and is therefore ideal for the disinfection of contaminated furniture, carpets, mattresses and other materials from which it also removes odour. Treated materials do not change their colour and are not otherwise damaged. After treatment, a thin polymer layer is formed on the surface, which eliminates biological contamination (bacteria, viruses, moulds, fungi) on the treated surface after the prescribed exposure time. The layer protects up to several days and reduces the risk of recontamination. The polymer layer can be rinsed

off with water after the prescribed time of action.

### ACTIVE SUBSTANCE

alkyl(C12-16)dimethylbenzylammonium chlorides – 0.025 g/100 g

**Excipient:** PHMG – polyhexamethylene guanidine hydrochloride.

The product has characteristic long-lasting antibacterial (G<sup>+</sup> and G<sup>-</sup> bacteria, tuberculosis bacteria), antiviral and antifungal effects. Existence of resistant germs has not yet been reported.

### INSTRUCTIONS FOR USE AND DOSAGE

Spray on smelly and dirty places and let it act for at least 15 minutes. It is not necessary to wash or otherwise treat the treated place after application. In the event that your four-legged friend fouled its crate or bed, it is good to apply the IVASAN Spray and let it act for at least fifteen minutes before washing. This method of application ensures a hundred percent cleanness without any odour. The IVASAN

Spray is also gentle to small mammals, birds and reptiles, so it can safely be used to disinfect their breeding facilities. After a short exposure wipe or rinse the product of the treated surface, and the surface can come into immediate contact with an animal. The time period needed for the biocidal effect – at least 15 minutes. No probable direct and indirect adverse side effects are known.

### STORAGE

No special precautions are necessary. Store at 10–25 °C. Do not expose the product to direct sunlight.

### SHELF LIFE

24 months.

### PACKAGE SIZE

500 ml.







Rehydration  
water-soluble  
pulvis for peroral  
using in calves  
with basic pH



# AQUA VIVA

## powder for oral solution

### COMPOSITION

1 bag 83,7 g contains:

<i>Natrii citras anhydricus</i>	3.92 g,
<i>Natrii acetat anhydricus</i>	3.28 g,
<i>Natrii propionas</i>	1.92 g,
<i>Kalii chloridum</i>	2.98 g,
<i>Natrii chloridum</i>	4.68 g,
<i>Kalii dihydrogenophosphas</i>	1.36 g,
<i>Flavum orangeatum</i>	
<i>Silica colloidalis anhydrica,</i>	
<i>Glucosum anhydricum</i>	

### TARGET SPECIES

Cattle-calves.

### INDICATIONS

The veterinary medicinal product reverses dehydration and acidosis and replaces lost electrolytes in case of diarrhoea in calves resulting from nutritious, bacterial, viral or cryptosporidiosis effects.

### DOSAGE

One bag represents one dose.

The product is designed for peroral administration only. Prepare a fresh solution by mixing the contents of one bag with 2 litres of water (about 30–37 °C).

- at first signs of diarrhea, stop feeding milk or milk substitute and administer 2 litres of the dissolved
- formulation 2× a day for 2 days (4 feedings).
- then administer 1 litre of the formulation mixed in 1 litre of milk substitute for 2 days (4 feedings).
- then continue normal feeding.

If the diarrhea is lingering or obstinate and causes serious dehydration, administer 2 litres of the solution 3–4× a day. Do not administer the preparation separately for a period longer than 4 days.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life in an intact package: 24 months, up the prepared solution within 24 hours.

### STORAGE

Store below 25 °C and keep in dry place and protect for light.

### PACKAGE

1 × 83,7 g in multi-layered PE/Al/ paper bag.

Injection product containing the central analeptic – caffeine – intended for support of heart action



## COFFEINUM BIOVETA 125 mg/ml solution for injection

### COMPOSITION

1 ml of injection solution contains: *Coffeinum anhydricum* 125 mg.

### TARGET SPECIES

Horses, cattle, pigs, sheep, goats, dogs and cats.

### INDICATIONS

Total acute physical weakness, collapse or shock as a manifestation of depression or paralysis of central nervous system (after exhaustive exercise, poisoning or severe disease), surgical coma, heart insufficiency (especially of bradycardial type) and other cases of injury or exhaustion, depressive states, to reduce the awakening from general anaesthesia.

### DOSAGE

**Horse:** 10–20 ml s.c., i.m. (5–10 ml i.v.)

**Cattle:** 20–40 ml s.c., i.m. (10–20 ml i.v.)

**Pig, sheep, goat:** 2–8 ml s.c., i.m. (1–4 ml i.v.)

**Dog:** 0,5–2 ml s.c., i.m. (0,25–1 ml i.v.)

**Cat:** 0, 5 ml s.c., i.m. (0,25 ml i.v.)

Oral doses may be administered in the same quantity as or a half higher than subcutaneous doses. Caffeine is administered subcutaneously, intramuscularly or intravenously. After s.c. and i.m. administration the onset of effect is observed within 15–30 minutes and persists for several hours.

### METHOD OF ADMINISTRATION

Intramuscularly, subcutaneously, intravenously and orally.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 3 years, after first opening of the immediate packaging: 28 days.

### STORAGE

Store at temperature below 25 °C, protect from light and frost.

### PACKAGE

50 ml in glass vial.

Local antiseptic and disinfectant product containing fixed iodine for treatment of inflammatory diseases of genitals in cows and sows mainly



# JODOUTER 100 mg/ml

## intrauterine solution

### COMPOSITION

1 ml of solution contains:

*Povidonum*  
*iodinatum* 100 mg (10%)

### TARGET SPECIES

Cattle, pigs.

### INDICATIONS

Contamination of vagina with urine (urovagina), inflammation of vagina and vaginal vestibulum (vaginitis, vestibulitis), cervix (cervicitis), acute and chronic inflammation of uterine mucosa (endometritis) caused by acute and subacute infections, infection caused by trichomonas, vaginal injury, insufficient contractility of uterus after labour (atonia of uterus after labour), lochiometra, retention of placenta (retentio secundarium), pyometra.

### DOSAGE

#### Cattle:

*Endometritis, trichomoniasis* – Treatment of sterility must be performed in metestrus or in diestrus. It is possible to recommend flushes 12 hours

before insemination in case of 1st degree endometritis.

*Cervicitis, vaginitis and vulvitis* – treated either with a flush or by application of tampons, soaked with solution (tampons are removed after treatment).

*Urovaginitis* – clusters of urates should be removed by massage and then should be administered 1 package (150 ml) into the vagina, possibly to the intrauterine space.

*Uterine atonia and pyometra* – flush of uterus is performed, in case greater quantity of solution is used, it is necessary to drain the solution from uterus.

*Retention of placenta* – after administration develops contraction of uterus and bleeding stops, placenta is of more rough consistence and it is possible to treat it easily. Subsequent treatment could be performed with the same dose, it is necessary to shake before use.

### Pigs:

Flush with 150 ml of product, possibly more according to the physiological volume of uterus. Therapeutic flush must be performed 12 hours after labour. Sterility as a consequence of subacute infection – administration of 300 ml of the product. Subsequent treatment could be performed with the same dose.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 18 months.

### STORAGE

Store at the temperature below 25 °C and protect from light.

### PACKAGE

The product is filled per 150 ml in polyethylene compressible containers.

Local antiseptic, disinfectant and adstringent product with very wide using in gynecology, obstetrics and surgery of many animals



# LOTAGEN 360 mg/ml

## concentrate for vaginal/cutaneous solution

### COMPOSITION

1 ml of solution contains:

*Policresulenum* 360 mg

### TARGET SPECIES

Cattle, horses, pigs, sheep, goats, dogs and cats.

### INDICATIONS

**Sterility:** cervicitis, vaginitis, vulvitis, trichomoniasis.

**Obstetrics:** vagina damage, post partum vaginal bleeding, prevention of MMA syndrome

**Surgical interventions and wound treatment:**

slight local bleeding spots and bleeding during surgical interventions, lupus (dermatitis of fetlock in horses), hoof cancer (pododermatitis chronica verrucosa madidans), ulcers on extremities, interdigital necrobacillosis, foot-and-mouth disease in sheep, burns, inflammation of the alvearium (otitis externa), furunculosis, dermal eczema, erosions, irrigation of urovagina in mares, obliteration of lacteal pseudo-fistula.

### DOSAGE

#### Cattle

*Cervicitis, vaginitis and vulvitis:*

- irrigate the surface vaginal damages with 2% solution.

*Additional lacteal gland:*

- 9% solution should be applied into a fistula using a milk catheter.

#### Mares

*Vaginitis (pneumovagina, urovagina):*

- irrigate with 1–2% solution of the preparation in order to disturb parenchyma.

- irrigation of urovagina in horses 1 – 3 litres of 0.5% solution.

**Local use during surgical intervention and cleaning of old wounds**

*Hemostasis:*

- cover the wound with gauze soaked with the preparation.

*Cleaning of wounds, ulcers, abscesses, eczema and other pathological dermal ganges:*

- apply gauze soaked with 4–20% solution into the old wound or the pathologically changed tissue.

*Ulcers onto extremities, putrefaction of soft tissue, interdigital necrobacillosis, etc.:*

- in case of small surgical interventions, apply 20-% aqueous solution.

#### Use in small animals

*Eczema on lips and skin folds:*

- apply gauze soaked with the preparation onto an affected spot.

*Fistula of anal gland:*

- inject 2 ml of 5-% aqueous solution into an anal gland cavity. Repeat, if necessary.

*Interdigital ulceration:*

- apply gauze soaked with the preparation on the affected spot between fingers.

*Otitis externa inflammation:*

- rinse it with 5-% aqueous solution of the preparation once a day.

#### WITHDRAWAL PERIOD

None.

#### SHELF LIFE

Shelf-life after first opening the container: 21 days.

#### STORAGE

Store at the temperature to 25 °C. Do not refrigerate or freeze.

#### PACKAGE

100 ml.

Local antiseptic, disinfectant and adstringent product for use in gynecology and obstetrics of cattle and pigs



## LOTAGEN injector intra-uterine solution

### COMPOSITION

150 ml of solution contains:

*Policresulenum* 2.16 g  
(Polycondensate of m-cresol-sulfonic acid and formaldehyde at the mass ratio of 14:1)

#### *Selective Coagulation Effect:*

Lotagen acts differentially onto the pathologically changed and healthy skin parts. Lotagen coagulates cells which function is impaired; such cells are then systematically eliminated from the organism (demarcation, elimination). On the other hand, Lotagen stimulates division of undamaged cells resulting in the formation of the new mucosa membrane; it means that cells are stimulated to enhance skin epithelization.

*Astringent Effect:* Lotagen stimulates contraction of smooth musculature which results in arterioles contraction and thus small bleeding can be stopped.

### TARGET SPECIES

Cattle, pigs.

### INDICATIONS

The product is intended for use in gynaecology and obstetric where its antimicrobial, selective, coagulation and astringent effects can be advantageously used.

*Gynaecology* – sterility induced by acute infections, cervicitis, vaginitis, vulvitis, genital trichomoniasis and urovaginitis

*Obstetrics* – vaginal injury, vaginal bleeding

### DOSAGE

#### Cattle

Cervicitis, vaginitis and vulvitis: Tampons soaked with the product solution are applied (tampons shall be removed after treatment) or irrigation is performed.

#### Pigs

MMA syndrome: At least 300 ml of the product is used for intravaginal irrigation.

The therapeutic irrigation shall be performed within 12 hours after delivery.

### WITHDRAWAL PERIOD

None.

### SHELF LIFE

Shelf-life 60 months.

### STORAGE

Store at the temperature between 15 °C – 25 °C.

### PACKAGE

The product is filled per 150 ml in polyethylene compressible containers.

Gentle preparation  
for euthanasia  
without adverse  
reactions



# PENBITAL 400 mg/ml solution for injection

## COMPOSITION

Product contains *pento-barbitalum natricum* 400,0 mg (362,94 mg of pentobarbital) in one ml.

Injection solution.

Blue to sea – green solution.

## TARGET SPECIES

Cattle, goat, sheep, swine, horse and rabbit not intended for slaughter purposes.

Dog, cat, ferret.

## INDICATION

Euthanasia.

## DOSAGE

The dose is uniform for all target species.

Recommended dose of the pentobarbital is 140 mg/kg, equivalent to 0,35 ml/kg.

Examination of the vital function is necessary after administration.

The repetition of the administration is necessary until death confirmation.

## WAY OF ADMINISTRATION

Intravenously or intracardially.

The intravenous route of administration should be the route of choice and the velocity of administration is necessary. Intravenous catheter is recommended in cattle and horses.

When intravenous administration is difficult, the product may be administered via the intracardiac route only after deep sedation or anaesthesia.

## WITHDRAWAL PERIOD

Not intended for food-producing animals.

## SHELF LIFE

Shelf-life 36 months, after first opening the immediate packaging 3 months.

## STORAGE

Store below 25 °C.  
Protect from light.

## PACKAGE

100 ml.

Preparation for  
external surface  
treatment of  
mammary  
gland



# PROFYMAST emulsio

## Preparation for surface treatment of mammary gland

### COMPOSITION

#### Composition of the product:

*Aqua purificata, Paraffinum liquidum, Alcohol cetylicus, Alcohol cetylstearylicus, Oleomacrogolum, Menthae piperitae etheroleum – 0,5%, Acidum stearicum, Dinatrii edetas dihydricus, Cera alba, Methylparabenum.*

### TARGET SPECIES

Cattle-dairy cows (sheep, goat).

### INDICATIONS

Surface treatment of mammary gland. Softening the skin of the mammary gland (protection against drying by sunlight on pasture).

### DOSAGE

Externally massage using on the mammary gland.  
Shake before use.

### WITHDRAWAL PERIOD

None.

### STORAGE

Store below 25 °C, protect from frost and direct sunlight.

### PACKAGE

250 ml with a pump, 1000 ml and 5000 ml in the plastic HDPE bottle.





**WE** *respect* **ANIMALS**

## VETERINARY MEDICAMENTS PRODUCER

### USEFUL CONTACTS

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## NOTES

# WE *respect* ANIMALS



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