

**United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Veterinary Services  
Center for Veterinary Biologics  
Ames, IA 50010-8197**

**Veterinary Biologics Notice Number: 86**

**Veterinary Biological Products in Licensed Establishments**

**Produced and Destroyed January 01, 2018 through December 31, 2018**

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**NOTICE: When three or more Licensed or Permitted Establishments have been issued a product license or permit for the same Product Code, the Doses Produced and Doses Destroyed are listed for that individual Product Code.  
If less than three Licensed or Permitted Establishments have been issued a product license or permit for a Product Code, the Doses Produced and Doses Destroyed will be consolidated into the Total for the Product Category.**

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Anthrax Spore Vaccine, Live Culture	101100		
Arthrobacter Vaccine, Live Culture	1K1100		
Autogenous Vaccine, Killed Virus	101500		
Autogenous Vaccine, Killed Virus	101510	109,622,800	776,000
Autogenous Vaccine, Killed Virus	101520	15,803,650	568,450
Autogenous Vaccine, Killed Virus	101521	5,778,150	0
Autogenous Vaccine, Killed Virus	A01521		
Avian Adenovirus Vaccine, Killed Virus	101700		
Avian Encephalomyelitis Vaccine, Live Virus	105111	244,050,000	0
Avian Encephalomyelitis-Fowl Pox Vaccine, Live Virus	10M110	446,794,000	152,878,000
Avian Encephalomyelitis-Fowl Pox Vaccine, Live Virus	10M114		
Avian Encephalomyelitis-Fowl Pox Vaccine, Live Virus	10M140		
Avian Encephalomyelitis-Fowl Pox-Mycoplasma Gallisepticum Vaccine, Live Virus, Live Fowl Pox Vector	1D61R0		
Avian Encephalomyelitis-Fowl Pox-Pigeon Pox Vaccine, Live Virus	10M210		
Avian Influenza Vaccine, H5N3 Subtype, Killed Virus	1057R3		
Avian Influenza-Fowl Pox Vaccine, H5 Subtype, Live Fowl Pox Vector	1061R0		
Avian Paramyxovirus Vaccine, Type 1, Killed Virus	10C511		
Avian Polyomavirus Vaccine, Killed Virus	1A1500		
Avian Reovirus Vaccine, Killed Virus	104500		
Avian Reovirus Vaccine, Killed Virus	104502		
Avian Reovirus Vaccine, Killed Virus	104530		
Bordetella Avium Vaccine, Avirulent Live Culture	102101		
Bordetella Bronchiseptica Vaccine, Avirulent Live Culture	108100	1,070,187	425,865
Bordetella Bronchiseptica Vaccine, Avirulent Live Culture	108101	6,684,631	780,230
Bordetella Bronchiseptica Vaccine, Avirulent Live Culture	108102	8,294,713	732,550
Bovine Coronavirus Vaccine, Modified Live Virus	19N120		
Bovine Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus	116120		
Bovine Respiratory Syncytial Virus Vaccine, Modified Live Virus	109120		
Bovine Rhinotracheitis Vaccine, Modified Live Virus	110120	2,277,800	0
Bovine Rhinotracheitis Vaccine, Modified Live Virus	110121	6,479,000	0
Bovine Rhinotracheitis-Parainfluenza 3 Vaccine, Modified Live Virus	112120	724,860	0
Bovine Rhinotracheitis-Parainfluenza 3 Vaccine, Modified Live Virus	112121		
Bovine Rhinotracheitis-Parainfluenza 3 Vaccine, Modified Live Virus	112122		
Bovine Rhinotracheitis-Parainfluenza 3 Vaccine, Modified Live Virus	112131		
Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus	107120	5,451,100	59,380

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
<b>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	107121		
<b>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	107122		
<b>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	107123		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Modified Live Virus</b>	115120	2,024,550	0
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Modified Live Virus</b>	115122		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Modified Live Virus</b>	115123		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Modified Live Virus</b>	115126	9,124,630	0
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine, Modified Live Virus</b>	117124		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine, Modified Live Virus</b>	117127		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus</b>	118520		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus</b>	118523		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118120	5,588,420	0
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118121	4,070,910	0
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118122	6,753,710	0
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118123		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118124		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118125	975,750	0
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118126		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus</b>	118128		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus-Mannheimia Haemolytica-Pasteurella Multocida Vaccine, Modified Live Virus, Avirulent Live Culture</b>	11A822		
<b>Bovine Rotavirus-Coronavirus Vaccine, Killed Virus</b>	193520		
<b>Bovine Rotavirus-Coronavirus Vaccine, Modified Live Virus</b>	193120		
<b>Bovine Virus Diarrhea Vaccine, Killed Virus</b>	120521		
<b>Bovine Virus Diarrhea Vaccine, Killed Virus</b>	120522		
<b>Bovine Virus Diarrhea Vaccine, Killed Virus</b>	120525		
<b>Bovine Virus Diarrhea Vaccine, Modified Live Virus</b>	120122		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Bronchitis Vaccine, Ark Type, Live Virus	12311M		
Bronchitis Vaccine, Ark Type, Live Virus	123120		
Bronchitis Vaccine, Ark Type, Live Virus	123121		
Bronchitis Vaccine, Delaware Type, Modified Live Virus	12311D		
Bronchitis Vaccine, Georgia Type, Live Virus	12311J	2,448,600,000	0
Bronchitis Vaccine, Georgia Type, Live Virus	12311L	2,370,590,000	240,700,000
Bronchitis Vaccine, Mass & Ark Types, Live Virus	123113	1,690,765,000	0
Bronchitis Vaccine, Mass & Conn Types, Live Virus	123114	161,358,000	0
Bronchitis Vaccine, Mass & Conn Types, Live Virus	12311G		
Bronchitis Vaccine, Mass Type, Live Virus	123111		
Bronchitis Vaccine, Mass Type, Live Virus	12311A		
Bronchitis Vaccine, Mass Type, Live Virus	123210		
Bronchitis Vaccine, Mass Type, Live Virus	123310		
Brucella Abortus Vaccine, Strain RB-51, Live Culture	126100		
Bursal Disease Vaccine, Live Virus	127100		
Bursal Disease Vaccine, Live Virus	127101		
Bursal Disease Vaccine, Live Virus	127102		
Bursal Disease Vaccine, Live Virus	12710A		
Bursal Disease Vaccine, Live Virus	127110		
Bursal Disease Vaccine, Live Virus	127112		
Bursal Disease Vaccine, Live Virus	127117		
Bursal Disease Vaccine, Live Virus	127119		
Bursal Disease Vaccine, Live Virus	127141		
Bursal Disease Vaccine, Standard & Variant, Live Virus	12B100		
Bursal Disease Vaccine, Standard & Variant, Live Virus	12B101		
Bursal Disease Vaccine, Variant, Live Virus	12L100		
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Marek's Disease Vector	1A88R0		
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Virus	128842		
Bursal Disease-Marek's Disease Vaccine, Serotype 3, Live Virus	12884A		
Bursal Disease-Marek's Disease Vaccine, Serotypes 1 & 3, Live Marek's Disease Vector, Live Herpesvirus Chimera	1281R3		
Bursal Disease-Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	1281R1		
Bursal Disease-Marek's Disease-Newcastle Disease Vaccine, Serotype 3, Live Marek's Disease Vector	1A89R1		
Bursal Disease-Newcastle Disease Vaccine, Killed Virus	12G543		
Bursal Disease-Newcastle Disease-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	12H167		
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Killed Virus	12M540		
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass & Ark Types, Killed Virus	12M541		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass & Ark Types, Killed Virus	12M542		
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass Type, Killed Virus	12M501	23,911,000	0
Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Standard & Variant, Mass Type, Killed Virus	12M544		
Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D501		
Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D504		
Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D530		
Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D5E0		
Bursal Disease-Reovirus Vaccine, Standard & Variant, Killed Virus	12D5T0		
Canine Adenovirus Type 2-Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus & Avirulent Live Culture	12X120	9,443,296	0
Canine Adenovirus Type 2-Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus & Avirulent Live Culture	12X121		
Canine Coronavirus Vaccine, Killed Virus	14P520	25,603,315	1,393,079
Canine Coronavirus Vaccine, Killed Virus	14P522		
Canine Coronavirus Vaccine, Modified Live Virus	14P120		
Canine Coronavirus-Parvovirus Vaccine, Modified Live & Killed Virus	14R721		
Canine Coronavirus-Parvovirus Vaccine, Modified Live & Killed Virus	14R729		
Canine Distemper Vaccine, Live Canarypox Vector	1301R0		
Canine Distemper Vaccine, Modified Live Virus	130120		
Canine Distemper-Adenovirus Type 2 Vaccine, Modified Live Virus	13A120	1,118,952	0
Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	1591R1		
Canine Distemper-Adenovirus Type 2-Measles-Parainfluenza Vaccine, Modified Live Virus	134120		
Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine, Modified Live Virus	13C120	3,135,038	0
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	13D1R1		
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus	13D120		
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus	13D121	991,089	0
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus	13D122		
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus	13D127		
Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus	13D129		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus, Canarypox Vector	1331R1		
Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus	133120		
Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus	133123		
Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine, Modified Live Virus	133127		
Canine Distemper-Measles Vaccine, Modified Live Virus	135120		
Canine Distemper-Parvovirus Vaccine, Modified Live Virus	13P120		
Canine Influenza Vaccine, H3N2 & H3N8, Killed Virus	15Q520		
Canine Influenza Vaccine, H3N2, Killed Virus	15P520		
Canine Influenza Vaccine, H3N8, Killed Virus	15K520		
Canine Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus, Avirulent Live Culture	14M120	240,198	48,850
Canine Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus, Avirulent Live Culture	14M122		
Chicken Anemia Virus Vaccine, Modified Live Virus	10A110		
Chlamydia Psittaci Vaccine, Killed Chlamydia	158520		
Coccidiosis Vaccine, Live Oocysts, Chicken Isolates	143155		
Coccidiosis Vaccine, Live Oocysts	143151		
Coccidiosis Vaccine, Live Oocysts	143156		
Coccidiosis Vaccine, Live Oocysts	143158		
Coccidiosis Vaccine, Live Oocysts	14315A		
Coccidiosis Vaccine, Live Oocysts	14315B		
Coccidiosis Vaccine, Live Oocysts	14315C		
Coccidiosis Vaccine, Live Oocysts	14315E		
Distemper Vaccine, Live Canarypox Vector	1471R0		
Duck Virus Enteritis Vaccine, Modified Live Virus	146110		
Duck Virus Hepatitis Vaccine, Modified Live Virus	14B110		
Equine Arteritis Vaccine, Modified Live Virus	153120		
Equine Influenza Vaccine, Killed Virus	150525		
Equine Influenza Vaccine, Modified Live Virus	150120		
Equine Rhinitis A Vaccine, Killed Virus	152221		
Equine Rhinopneumonitis Vaccine, Killed Virus	152520		
Equine Rhinopneumonitis Vaccine, Killed Virus	152521	493,619	0
Equine Rhinopneumonitis Vaccine, Killed Virus	152522		
Equine Rhinopneumonitis Vaccine, Killed Virus	152524		
Equine Rhinopneumonitis Vaccine, Modified Live Virus	152121		
Equine Rhinopneumonitis Vaccine, Modified Live Virus	152122		
Equine Rhinopneumonitis-Influenza Vaccine, Killed Virus	151521		
Equine Rhinopneumonitis-Influenza Vaccine, Killed Virus	151522		
Equine Rhinopneumonitis-Influenza Vaccine, Killed Virus	151524		
Equine Rhinopneumonitis-Influenza Vaccine, Killed Virus	151527		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Equine Rhinopneumonitis-Influenza Vaccine, Killed Virus	15152A		
Equine Rotavirus Vaccine, Killed Virus	1E1520		
Erysipelothrix Rhusiopathiae Vaccine, Avirulent Live Culture	154100		
Erysipelothrix Rhusiopathiae Vaccine, Avirulent Live Culture	154101		
Erysipelothrix Rhusiopathiae Vaccine, Avirulent Live Culture	154103		
Escherichia Coli Vaccine, Avirulent Live Culture	155102		
Escherichia Coli Vaccine, Avirulent Live Culture	15R100		
Escherichia Coli Vaccine, Live Culture	1551R0		
Feline Calicivirus Vaccine, Killed Virus	15C522		
Feline Immunodeficiency Virus Vaccine, Killed Virus	15A521		
Feline Immunodeficiency Virus Vaccine, Killed Virus	15A523		
Feline Infectious Peritonitis Vaccine, Modified Live Virus	15A120		
Feline Leukemia Vaccine, Killed Virus	155520		
Feline Leukemia Vaccine, Killed Virus	155521		
Feline Leukemia Vaccine, Killed Virus	155522		
Feline Leukemia Vaccine, Killed Virus	1555R1		
Feline Leukemia Vaccine, Killed Virus	1555R5		
Feline Leukemia Vaccine, Live Canarypox Vector	1555R4		
Feline Leukemia-Chlamydia Psittaci Vaccine, Killed Virus, Killed Chlamydia	1A6920		
Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia Vaccine, Killed Virus	15B521		
Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia Vaccine, Killed Virus	15B522		
Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Killed Virus, Killed Chlamydia	155920		
Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Killed Virus, Killed Chlamydia	155923		
Feline Panleukopenia Vaccine, Modified Live Virus	156123		
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Killed Virus	16D520		
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Killed Virus	16D522		
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Killed Virus	16D523		
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Modified Live & Killed Virus	16D720		
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Modified Live Virus	16D120		
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Modified Live Virus	16D122	2,303,435	0
Feline Rhinotracheitis-Calici-Panleukopenia Vaccine, Modified Live Virus	16D821		
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Killed Virus, Killed Chlamydia	16E520		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Killed Virus, Killed Chlamydia	16E523		
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Modified Live Virus, Modified Live Chlamydia	16E120		
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine, Modified Live Virus, Modified Live Chlamydia	16E820		
Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine, Modified Live Virus, and Chlamydia, Canarypox Vector	1619R1		
Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine, Modified Live Virus, Canarypox Vector	16T9R0		
Feline Rhinotracheitis-Calicivirus Vaccine, Modified Live Virus	16C120	35,640	0
Feline Rhinotracheitis-Calicivirus Vaccine, Modified Live Virus	16C122		
Fowl Laryngotracheitis Vaccine, Modified Live Virus	160101		
Fowl Laryngotracheitis Vaccine, Modified Live Virus	160111	1,681,399,000	28,087,000
Fowl Laryngotracheitis-Marek's Disease Vaccine, Serotype 3, Live Marek's Disease Vector	16J1R1		
Fowl Laryngotracheitis-Marek's Disease Vaccine, Serotype 3, Live Marek's Disease Vector	16J1R3		
Fowl Laryngotracheitis-Marek's Disease Vaccine, Serotypes 2 & 3, Modified Live & Live Marek's Disease Vector	16J1R2		
Fowl Pox Vaccine, Live Virus	162100	21,124,000	0
Fowl Pox Vaccine, Live Virus	162110		
Fowl Pox Vaccine, Live Virus	162111		
Fowl Pox Vaccine, Live Virus	162200		
Fowl Pox-Laryngotracheitis Vaccine, Live Fowl Pox Vector	1F31R0		
Fowl Pox-Mycoplasma Gallisepticum Vaccine, Live Fowl Pox Vector	1D51R0		
Haemophilus Parasuis Vaccine, Avirulent Live Culture	19J100		
Hemorrhagic Enteritis Vaccine, Live Virus	17E120	439,341,000	0
Lawsonia Intracellularis Vaccine, Avirulent Live Culture	10L100		
Lawsonia Intracellularis Vaccine, Avirulent Live Culture	10L101		
Mannheimia Haemolytica-Pasteurella Multocida Vaccine, Avirulent Live Culture	186101		
Mannheimia Haemolytica-Pasteurella Multocida Vaccine, Avirulent Live Culture	186102		
Marek's Disease Vaccine, Serotype 1, Live Herpesvirus Chimera	16L1R0		
Marek's Disease Vaccine, Serotype 1, Live Virus	16L100	1,981,455,000	16,950,000
Marek's Disease Vaccine, Serotype 1, Live Virus	16L104		
Marek's Disease Vaccine, Serotype 1, Live Virus	16L109		
Marek's Disease Vaccine, Serotype 2, Live Virus	163100		
Marek's Disease Vaccine, Serotype 2, Live Virus	163102		
Marek's Disease Vaccine, Serotype 2, Live Virus	163104		



## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Marek's Disease Vaccine, Serotype 3, Live Virus	164100		
Marek's Disease Vaccine, Serotype 3, Live Virus	164101		
Marek's Disease Vaccine, Serotype 3, Live Virus	164102		
Marek's Disease Vaccine, Serotype 3, Live Virus	164105		
Marek's Disease Vaccine, Serotype 3, Live Virus	16L106		
Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus, Live Herpesvirus Chimera	16G1R0		
Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus	16G102		
Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus	16G104		
Marek's Disease Vaccine, Serotypes 1 & 3, Live Virus	16L102	912,939,000	0
Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	165101		
Marek's Disease Vaccine, Serotypes 2 & 3, Live Virus	16G100		
Marek's Disease-Newcastle Disease Vaccine, Serotype 3, Live Marek's Disease Vector	16N1R0	7,751,902,000	382,382,000
Marek's Disease-Newcastle Disease Vaccine, Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	17H1R2	456,868,000	41,952,000
Mink Distemper Vaccine, Modified Live Virus	145100		
Mink Enteritis Vaccine, Killed Virus	168521		
Mycoplasma Gallisepticum Vaccine, Live Culture	175100	178,391,000	4,819,000
Mycoplasma Gallisepticum Vaccine, Live Culture	175101		
Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	171110		
Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	171112		
Newcastle Disease Vaccine, B1 Type, B1 Strain, Live Virus	171118		
Newcastle Disease Vaccine, B1 Type, C2 Strain, Live Virus	17B110		
Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus	172110	3,451,217,000	0
Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus	172111		
Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus	172116		
Newcastle Disease Vaccine, B1 Type, LaSota Strain, Live Virus	172117		
Newcastle Disease Vaccine, Killed Virus	170515		
Newcastle Disease Vaccine, VG/GA Strain, Live Virus	17A2V2		
Newcastle Disease-Fowl Pox Vaccine, Live Fowl Pox Vector	17C1R0		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A11L		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A11M		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Ark Types, Live Virus	17A21M		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	176114		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	176117		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	17621H		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	17621J		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass & Conn Types, Live Virus	179114		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	176111		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	176112		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	176118		
Newcastle-Bronchitis Vaccine, B1 Type, B1 Strain, Mass Type, Live Virus	176211		
Newcastle-Bronchitis Vaccine, B1 Type, C2 Strain, Mass & Conn Types, Live Virus	1XC110		
Newcastle-Bronchitis Vaccine, B1 Type, C2 Strain, Mass Type, Live Virus	1XB110		
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass & Conn Types, Live Virus	17B117		
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	177111		
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	177112		
Newcastle-Bronchitis Vaccine, B1 Type, LaSota Strain, Mass Type, Live Virus	177118		
Newcastle-Bronchitis Vaccine, Mass & Ark Types, Killed Virus	178512		
Newcastle-Bronchitis Vaccine, Mass Type, Killed Virus	177610		
Newcastle-Bronchitis Vaccine, Mass Type, Killed Virus	178511		
Newcastle-Bronchitis Vaccine, VG/GA Strain, Mass & Conn Types, Live Virus	17V110		
Ovine Ecthyma Vaccine, Live Virus	182100		
Ovine Ecthyma Vaccine, Live Virus	182151		
Parvovirus Vaccine, Modified Live Virus	18M120		
Parvovirus Vaccine, Modified Live Virus	18M121		
Parvovirus Vaccine, Modified Live Virus	18M122		
Parvovirus Vaccine, Modified Live Virus	18M123		
Parvovirus Vaccine, Modified Live Virus	18M129		
Pasteurella Multocida Vaccine, Avirulent Live Culture, Avian Isolate	187103		
Pasteurella Multocida Vaccine, Avirulent Live Culture, Avian Isolate	187104		
Pigeon Pox Vaccine, Live Virus	188110	51,001,000	0
Pigeon Pox Vaccine, Live Virus	188112		
Porcine Circovirus Vaccine, Type 1 - Type 2 Chimera, Killed Virus	19K5R1		
Porcine Circovirus Vaccine, Type 1 - Type 2 Chimera, Killed Virus	19K5R3		
Porcine Circovirus Vaccine, Type 1 - Type 2 Chimera, Killed Virus	19K5R5		
Porcine Circovirus Vaccine, Type 2, Killed Baculovirus Vector	19K5R0	328,241,970	8,658,900

## Veterinary Biological Products in Licensed Establishments

### Vaccines

Product	Code	Doses Produced	Doses Destroyed
Porcine Circovirus Vaccine, Type 2, Killed Baculovirus Vector	19K5R4		
Porcine Epidemic Diarrhea Vaccine, Killed Virus	19U520		
Porcine Epidemic Diarrhea Vaccine, RNA Particle Platform	19U5P1		
Porcine Reproductive & Respiratory Syndrome Vaccine, Reproductive & Respiratory Forms, Modified Live Virus	19T120	209,750,200	305,480
Porcine Reproductive & Respiratory Syndrome Vaccine, Reproductive & Respiratory Forms, Modified Live Virus	19T121		
Porcine Reproductive & Respiratory Syndrome Vaccine, Respiratory Form, Modified Live Virus	19S120		
Porcine Reproductive & Respiratory Syndrome Vaccine, Respiratory Form, Modified Live Virus	19S121		
Porcine Reproductive & Respiratory Syndrome Vaccine, Respiratory Form, Modified Live Virus	19S122		
Porcine Rotavirus Vaccine, Modified Live Virus	19E120		
Porcine Rotavirus Vaccine, Modified Live Virus	19E121		
Porcine Rotavirus-Transmissible Gastroenteritis Vaccine, Modified Live Virus	19H120		
Pseudorabies Vaccine, Modified Live Virus	189120		
Pseudorabies Vaccine, Modified Live Virus	189122		
Pseudorabies Vaccine, Modified Live Virus	189123		
Pseudorabies Vaccine, Modified Live Virus	1891R2		
Rabies Vaccine, Live Vaccinia Vector	1901R0		
Rabies Vaccine, Killed Virus	190520		
Rabies Vaccine, Killed Virus	190521	9,722,303	273,520
Rabies Vaccine, Killed Virus	190523		
Rabies Vaccine, Killed Virus	190524	40,115,337	0
Rabies Vaccine, Live Canarypox Vector	1901R1		
Rabies Vaccine, Live Canarypox Vector	1901R4		
Riemerella Anatipestifer Vaccine, Avirulent Live Culture	181100		
Salmonella Choleraesuis Vaccine, Avirulent Live Culture	19A100	20,163,750	4,977,000
Salmonella Choleraesuis Vaccine, Avirulent Live Culture	19A101		
Salmonella Choleraesuis-Typhimurium Vaccine, Avirulent Live Culture	19A200		
Salmonella Choleraesuis-Typhimurium Vaccine, Avirulent Live Culture	19A201		
Salmonella Dublin Vaccine, Live Culture	19D1R0		
Salmonella Typhimurium Vaccine, Live Culture	19C100		
Salmonella Typhimurium Vaccine, Live Culture	19C101		
Salmonella Typhimurium Vaccine, Live Culture	19C102		
Streptococcus Equi Vaccine, Live Culture	183100		
Swine Influenza Vaccine, H1N1 & H1N2 & H3N2, Killed Virus	19A528		
Swine Influenza Vaccine, H1N1 & H1N2 & H3N2, Killed Virus	19A52B		
Swine Influenza Vaccine, H1N1 & H1N2 & H3N2, Killed Virus	19A52C		

## Veterinary Biological Products in Licensed Establishments

### Vaccines

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
Swine Influenza Vaccine, H1N1 & H3N2, Killed Virus	19A522		
Swine Influenza Vaccine, H1N1 & H3N2, Killed Virus	19A523		
Swine Influenza Vaccine, H1N1 & H3N2, Killed Virus	19A529		
Swine Influenza Vaccine, H1N1 & H3N2, Modified Live Virus	19A5R2		
Swine Influenza Vaccine, pH1N1, Killed Virus	19A52P		
Tenosynovitis Vaccine, Live Virus	195110		
Tenosynovitis Vaccine, Modified Live Virus	195101		
Tenosynovitis Vaccine, Modified Live Virus	195102		
Tenosynovitis Vaccine, Modified Live Virus	195103		
Tenosynovitis Vaccine, Modified Live Virus	195111		
Tenosynovitis Vaccine, Modified Live Virus	195201		
Trichomonas Foetus Vaccine, Killed Protozoa	185900		
Wart Vaccine, Killed Virus	198550		
West Nile Virus Vaccine, Killed Flavivirus Chimera	1995R2		
West Nile Virus Vaccine, Killed Virus	199520		
West Nile Virus Vaccine, Killed Virus	199522		
Yersinia Pestis Vaccine, Live Raccoon Pox Virus Vector	11Y2R0		
<b>Vaccines Totals</b>		<b>100,147,035,218</b>	<b>2,992,947,427</b>

## Veterinary Biological Products in Licensed Establishments

### Bacterins and bacterial extracts

Product	Code	Doses Produced	Doses Destroyed
Actinobacillus Pleuropneumoniae Bacterin	265700		
Actinobacillus Pleuropneumoniae Bacterin	265701		
Actinobacillus Pleuropneumoniae Bacterin	265703		
Actinobacillus Pleuropneumoniae-Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Haemophilus Parasuis-Pasteurella Multocida Bacterin	211000		
Actinobacillus Pleuropneumoniae-Haemophilus Parasuis-Pasteurella Multocida Bacterin	267400		
Actinobacillus Pleuropneumoniae-Pasteurella Multocida Bacterin	265H01		
Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin	213802		
Autogenous Bacterial Extract	205200		
Autogenous Bacterial Extract	205201		
Autogenous Bacterin	205100	118,406,653	1,897,175
Autogenous Bacterin	205101	2,307,575	71,300
Autogenous Bacterin	205104		
Autogenous Bacterin	205112		
Avibacterium Paragallinarum Bacterin	265800		
Avibacterium Paragallinarum Bacterin	265811		
Avibacterium Paragallinarum Bacterin	265812		
Bordetella Bronchiseptica Bacterin	210000		
Bordetella Bronchiseptica Bacterin	210002		
Borrelia Burgdorferi Bacterial Extract	2126R0		
Borrelia Burgdorferi Bacterial Extract	2126R1		
Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract	214600		
Borrelia Burgdorferi Bacterin	212600	1,079,195	0
Borrelia Burgdorferi Bacterin	212601		
Campylobacter Fetus Bacterin	286210		
Campylobacter Fetus-Jejuni Bacterin	286000		
Campylobacter Fetus-Jejuni Bacterin	286100		
Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	286301	7,443,700	0
Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	286302		
Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	286307		
Chlamydia Psittaci Bacterin	212010		
Clostridium Chauvoei-Septicum Bacterin	240101		
Corynebacterium Pseudotuberculosis Bacterin	2A9400		
Erysipelothrix Rhusiopathiae Bacterin	264101		
Erysipelothrix Rhusiopathiae Bacterin	264102	1,523,600	0
Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	264202		
Erysipelothrix Rhusiopathiae-Mycoplasma Hypopneumoniae Bacterin	2A4100		

## Veterinary Biological Products in Licensed Establishments

### Bacterins and bacterial extracts

Product	Code	Doses Produced	Doses Destroyed
<b>Erysipelothrix Rhusiopathiae-Mycoplasma Hypopneumoniae Bacterin</b>	2A4101		
<b>Escherichia Coli Bacterial Extract</b>	264E01		
<b>Escherichia Coli Bacterin</b>	264800		
<b>Escherichia Coli Bacterin</b>	264853		
<b>Escherichia Coli-Riemerella Anatipestifer Bacterin</b>	285000		
<b>Fusobacterium Necrophorum Bacterin</b>	255600		
<b>Haemophilus Parasuis Bacterin</b>	265200	6,992,800	0
<b>Haemophilus Parasuis Bacterin</b>	265201		
<b>Haemophilus Parasuis-Mycoplasma Hypopneumoniae Bacterin</b>	256503		
<b>Haemophilus Somnus Bacterin</b>	265900	8,311,440	0
<b>Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	266300		
<b>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</b>	266000		
<b>Klebsiella Pneumoniae Bacterial Extract</b>	287900		
<b>Lawsonia Intracellularis Bacterin</b>	279920		
<b>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	266500		
<b>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	266501	10,200,090	469,100
<b>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	266502	16,414,360	0
<b>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	266506		
<b>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	266507		
<b>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</b>	266802		
<b>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</b>	266805		
<b>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</b>	266800	13,815,590	811,322
<b>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</b>	266803		
<b>Leptospira Canicola-Icterohaemorrhagiae Bacterin</b>	267100		
<b>Leptospira Canicola-Icterohaemorrhagiae Bacterin</b>	267101		
<b>Leptospira Hardjo Bacterin</b>	26M701		
<b>Leptospira Hardjo-Pomona Bacterin</b>	26M100		
<b>Leptospira Icterohaemorrhagiae Bacterin</b>	287400		
<b>Leptospira Pomona Bacterin</b>	269100		
<b>Leptospira Pomona Bacterin</b>	269101		
<b>Mannheimia Haemolytica-Pasteurella Multocida Bacterin</b>	270000		
<b>Moraxella Bovis Bacterin</b>	277200	8,988,730	0
<b>Moraxella Bovis Bacterin</b>	277203		
<b>Moraxella Bovis Bacterin</b>	277210		
<b>Moraxella Bovoculi Bacterin</b>	2A7700		
<b>Moraxella Bovoculi Bacterin</b>	2A7701		
<b>Mycobacterium Paratuberculosis Bacterin</b>	277300		

## Veterinary Biological Products in Licensed Establishments

### Bacterins and bacterial extracts

Product	Code	Doses Produced	Doses Destroyed
<b>Mycoplasma Bovis Bacterin</b>	276001		
<b>Mycoplasma Gallisepticum Bacterin</b>	277400		
<b>Mycoplasma Gallisepticum Bacterin</b>	277401		
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277500	53,243,600	743,400
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277501	126,433,760	2,910,256
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277502	170,708,640	0
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277503		
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277504		
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277505		
<b>Mycoplasma Hyopneumoniae Bacterin</b>	277506		
<b>Mycoplasma Hyorhinis Bacterin</b>	27H800		
<b>Neorickettsia Risticii Bacterin</b>	263900		
<b>Pasteurella Multocida Bacterin, Avian Isolates, Types 1 &amp; 3 &amp; 4 &amp; 3 X 4</b>	270501		
<b>Pasteurella Multocida Bacterin, Avian Isolates, Types 1 &amp; 3 &amp; 4 &amp; 3 X 4</b>	270502		
<b>Pasteurella Multocida Bacterin, Avian Isolates, Types 1 &amp; 4 &amp; 3 X 4</b>	270319		
<b>Pasteurella Multocida Bacterin, Avian Isolates, Types 1, 3, 4 &amp; 3 X 4</b>	270315		
<b>Pasteurella Multocida Bacterin</b>	270102		
<b>Salmonella Dublin-Typhimurium Bacterin</b>	282100		
<b>Salmonella Enteritidis Bacterin</b>	278500	82,358,000	0
<b>Salmonella Enteritidis-Kentucky-Typhimurium Bacterin</b>	278800		
<b>Salmonella Newport Bacterial Extract</b>	281100		
<b>Salmonella Typhimurium Bacterin</b>	282500		
<b>Serpens Species Bacterin</b>	21B500		
<b>Staphylococcus Aureus Bacterin</b>	285200		
<b>Streptococcus Equi Bacterial Extract</b>	285600		
<b>Streptococcus Uberis Bacterin</b>	285100		
<b>Bacterins and bacterial extracts Totals</b>		<b>1,327,244,045</b>	<b>14,890,223</b>

## Veterinary Biological Products in Licensed Establishments

### Antibody products

Product	Code	Doses Produced	Doses Destroyed
Bovine Coronavirus-Escherichia Coli Antibody, Bovine Origin	36B500		
Bovine IgG-Escherichia Coli Antibody, Bovine Origin	361000		
Bovine IgG-Escherichia Coli Antibody, Bovine Origin	361001		
Bovine IgG	360600	1,524,456	0
Bovine IgG	360601		
Bovine IgG	360602		
Bovine IgG	360603		
Bovine Rotavirus-Coronavirus-Escherichia Coli Antibody, Bovine Origin	3625R2		
Equine IgG-Rhodococcus Equi Antibody, Equine Origin	390000		
Equine IgG	360700	3,106,700	0
Equine IgG	360701	7,488,685	0
Escherichia Coli Antibody, Equine Origin	352600		
Escherichia Coli Antibody, Equine Origin	3526C0		
Normal Serum, Equine Origin	360200		
Rhodococcus Equi Antibody, Equine Origin	375000	9,148,150	0
Rhodococcus Equi-Streptococcus Equi Antibody, Equine Origin	375100		
Salmonella Typhimurium Antibody, Equine Origin	385000		
Trueperella Pyogenes-Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Antibody, Bovine Origin	339100		
Trueperella Pyogenes-Escherichia Coli-Pasteurella Multocida-Salmonella Typhimurium Antibody, Bovine Origin	340000		
West Nile Virus Antibody, Equine Origin	399500		
<b>Antibody products Totals</b>		<b>36,557,140</b>	<b>0</b>



**Veterinary Biological Products in Licensed Establishments**  
**Vaccines with bacterins/bacterial extracts/toxoids**

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Autogenous Vaccine, Killed Virus, Autogenous Bacterin</b>	450020	3,277,341	0
<b>Autogenous Vaccine, Killed Virus, Autogenous Bacterin</b>	450021		
<b>Autogenous Vaccine, Killed Virus, Autogenous Bacterin</b>	450012		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Killed Virus, Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	414520		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Killed Virus, Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	414522		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Killed Virus, Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</b>	43S520		
<b>Bovine Rhinotracheitis-Virus Diarrhea Vaccine, Killed Virus, Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	433520		
<b>Bovine Rhinotracheitis-Virus Diarrhea--Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	44B520		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Campylobacter Fetus-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	44M522		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	44B620		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Haemophilus Somnus Bacterin</b>	44C520		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Haemophilus Somnus Bacterin</b>	44D520		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	44D722		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	446520		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	446524		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona-Mannheimia Haemolytica Bacterin</b>	447520		

## Veterinary Biological Products in Licensed Establishments

### Vaccines with bacterins/bacterial extracts/toxoids

Product	Code	Doses Produced	Doses Destroyed
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Killed Virus, Mannheimia Haemolytica Bacterin</b>	44A520		
<b>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine, Modified Live Virus, Mannheimia Haemolytica Toxoid</b>	4X4120		
<b>Bovine Rotavirus -Coronavirus Vaccine, Killed Virus, Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</b>	457020		
<b>Bovine Rotavirus-Coronavirus Vaccine, Killed Virus, Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</b>	457022		
<b>Bovine Rotavirus-Coronavirus Vaccine, Killed Virus, Clostridium Perfringens Types C &amp; D-Escherichia Coli Bacterin-Toxoid</b>	457520		
<b>Bovine Rotavirus-Coronavirus Vaccine, Killed Virus, Escherichia Coli Bacterin</b>	458522		
<b>Bovine Virus Diarrhea Vaccine, Killed Virus, Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	45B521		
<b>Bovine Virus Diarrhea Vaccine, Killed Virus, Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	459521		
<b>Bovine Virus Diarrhea Vaccine, Killed Virus, Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</b>	459525		
<b>Bovine Virus Diarrhea Vaccine, Modified Live Virus, Mannheimia Haemolytica Toxoid</b>	4A9120		
<b>Canine Coronavirus Vaccine, Killed Virus, Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</b>	47E521		
<b>Canine Coronavirus Vaccine, Killed Virus, Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</b>	46E521		
<b>Canine Coronavirus Vaccine, Killed Virus, Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</b>	46E527		
<b>Canine Coronavirus Vaccine, Killed Virus, Leptospira Icterohaemorrhagiae Bacterial Extract</b>	46D527		
<b>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</b>	47K120		
<b>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Leptospira Canicola-Icterohaemorrhagiae Bacterin</b>	463720		
<b>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Leptospira Canicola-Icterohaemorrhagiae Bacterin</b>	463723		
<b>Encephalomyelitis Vaccine, Eastern &amp; Western &amp; Venezuelan, Killed Virus, Tetanus Toxoid</b>	486522		
<b>Encephalomyelitis Vaccine, Eastern &amp; Western, Killed Virus, Tetanus Toxoid</b>	486501		
<b>Encephalomyelitis Vaccine, Eastern &amp; Western, Killed Virus, Tetanus Toxoid</b>	486524		
<b>Encephalomyelitis Vaccine, Eastern &amp; Western, Killed Virus, Tetanus Toxoid</b>	486528		

## Veterinary Biological Products in Licensed Establishments

### Vaccines with bacterins/bacterial extracts/toxoids

Product	Code	Doses Produced	Doses Destroyed
Encephalomyelitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	483546		
Encephalomyelitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	483526		
Encephalomyelitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	46W522		
Encephalomyelitis-Rabies-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	48R520		
Encephalomyelitis-Rabies-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	48R521		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	484726		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	484721		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	484520		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	484521		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	484526		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	484533		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	49W520		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	49W521		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Killed Flavivirus Chimera, Tetanus Toxoid	4855R2		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	485524		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	485525		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	48W524		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	48W520		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	48W525		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Killed Flavivirus Chimera, Tetanus Toxoid	48W5R1		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	48W521		

## Veterinary Biological Products in Licensed Establishments

### Vaccines with bacterins/bacterial extracts/toxoids

Product	Code	Doses Produced	Doses Destroyed
Infectious Salmon Anemia Virus Vaccine, Killed Virus, Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin	4A4520		
Mink Enteritis Vaccine, Killed Virus, Clostridium Botulinum Type C-Pseudomonas Aeruginosa Bacterin-Toxoid	49A523		
Newcastle Disease-Bronchitis Vaccine, Mass & Ark Types, Killed Virus, Salmonella Enteritidis Bacterin	48D711		
Newcastle-Bronchitis Vaccine, Mass Type, Killed Virus, Mycoplasma Gallisepticum Bacterin	48B510		
Newcastle-Bronchitis Vaccine, Mass Type, Killed Virus, Salmonella Enteritidis Bacterin	48D610	131,932,000	9,310,000
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	4BC520		
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	4BC521		
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	4BC522		
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	48C520		
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	48C521		
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	48C522		
Porcine Circovirus Vaccine, Type 1 -Type 2 Chimera, Killed Virus, Mycoplasma Hyopneumoniae Bacterin	49K5R5		
Porcine Circovirus Vaccine, Type 1 -Type 2 Chimera, Killed Virus, Mycoplasma Hyopneumoniae Bacterin	49K5R7		
Porcine Circovirus Vaccine, Type 2, Killed Baculovirus Vector, Mycoplasma Hyopneumoniae Bacterin	49K5R1	69,988,050	0
Porcine Circovirus Vaccine, Type 2, Killed Baculovirus Vector, Mycoplasma Hyopneumoniae Bacterin	49K5R6		
Rabies Vaccine, Killed Virus, Neorickettsia Risticii Bacterin	490520		
Trichomonas Foetus Vaccine, Killed Protozoa-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	499000		
<b>Vaccines with bacterins/bacterial extracts/toxoids Totals</b>		<b>721,670,233</b>	<b>24,307,548</b>

## Veterinary Biological Products in Licensed Establishments

### Diagnostic products

Product	Code	Doses Produced	Doses Destroyed
Anaplasma Antibody Test Kit, cELISA	500221		
Avian Encephalomyelitis Virus Antibody Test Kit	500600	868,000	0
Avian Influenza Virus Antibody Test Kit, ELISA	500420	1,173,600	0
Avian Influenza Virus Antibody Test Kit, cELISA	500421		
Avian Influenza Virus Antibody Test Kit	500400		
Avian Influenza Virus RNA Test Kit	50A580		
Avian Influenza Virus Type A Antigen Test Kit	518052		
Avian Leukosis Virus Antibody Test Kit, Subgroup J	500702		
Avian Leukosis Virus Antibody Test Kit	500701		
Avian Leukosis Virus Antigen Test Kit	500700	5,234,400	0
Avian Reovirus Antibody Test Kit	500800	2,026,500	0
Babesia Caballi Antibody Test Kit, cELISA	501A20		
Bluetongue Virus Antibody Test Kit, cELISA	501020		
Bluetongue Virus Antibody Test Kit	501000		
Bordetella Avium Antibody Test Kit	501500		
Bovine Leukemia Virus Antibody Test Kit	550520		
Bovine Spongiform Encephalopathy Antigen Test Kit, ELISA	543022		
Bovine Spongiform Encephalopathy-Scrapie Antigen Test Kit, EIA	544021		
Bovine Virus Diarrhea Antigen Test Kit	5A0500		
Bovine Virus Diarrhea Antigen Test Kit	5A0522		
Bovine Virus Diarrhea Antigen Test Kit	5A0550		
Bovine Virus Diarrhea RNA Test Kit	5A0680		
Brucella Abortus Antibody Test Kit	501330		
Canine Anaplasma Antibody Test Kit	575120		
Canine Borrelia Burgdorferi Antibody Test Kit	501750		
Canine Brucellosis Antibody Test Kit	502100		
Canine Distemper-Adenovirus Type 2-Parvovirus Antibody Test Kit, Dot Blot	53P250		
Canine Distemper-Parvovirus Antibody Test Kit	53P100		
Canine Ehrlichia Antibody Test Kit	503920		
Canine Heartworm Antigen Test Kit	501800	5,572,874	0
Canine Heartworm Antigen Test Kit	501802		
Canine Heartworm Antigen Test Kit	501803		
Canine Heartworm Antigen Test Kit	501808		
Canine Heartworm Antigen-Anaplasma Phagocytophilum-Platys-Borrelia Burgdorferi-Ehrlichia Canis-Ewingii Antibody Test Kit	5P2100		
Canine Heartworm Antigen-Anaplasma-Borrelia Burgdorferi-Ehrlichia Antibody Test Kit	5P2300		
Canine Leptospira Antibody Test Kit	505220		
Canine Leptospira Antibody Test Kit	505250		
Canine Parvovirus Antigen Test Kit, Blot Test	502400		
Canine Parvovirus Antigen Test Kit, Blot Test	502450		
Canine Parvovirus Antigen Test Kit	502401		
Canine Parvovirus Antigen Test Kit	502403		
Canine Parvovirus-Coronavirus Antigen Test Kit	5A2250		
Canine Rheumatoid Factor Antigen Test Kit	501200		

## Veterinary Biological Products in Licensed Establishments

### Diagnostic products

Product	Code	Doses Produced	Doses Destroyed
Caprine Arthritis-Encephalitis-Ovine Progressive Pneumonia Virus Antibody Test Kit	514000		
Chicken Anemia Virus Antibody Test Kit	50C100		
Chicken Anemia Virus Antibody Test Kit	50C101		
Chronic Wasting Disease Antigen Test Kit, EIA	542021		
Chronic Wasting Disease Antigen Test Kit, ELISA	542022		
Epizootic Hemorrhagic Disease Virus Antibody Test Kit	5A2700		
Equine Arteritis Virus Antibody Test Kit, cELISA	552520		
Equine Infectious Anemia Virus Antibody Test Kit, ELISA	551500	505,920	0
Equine Infectious Anemia Virus Antibody Test Kit, ELISA	551501		
Equine Infectious Anemia Virus Antibody Test Kit	551521	1,377,884	0
Equine Infectious Anemia Virus Antibody Test Kit	551522		
Feline Heartworm Antibody Test Kit	5F1800		
Feline Heartworm Antigen Test Kit	5F2000		
Feline Heartworm-Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit	502C01		
Feline Heartworm-Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit	502C51		
Feline Immunodeficiency Virus Antibody Test Kit	503600		
Feline Infectious Peritonitis Virus Antibody Test Kit	502900		
Feline Leukemia Virus Antigen Test Kit	502800	387,360	0
Feline Leukemia Virus Antigen Test Kit	502801		
Feline Leukemia Virus Antigen Test Kit	502802		
Feline Leukemia Virus Antigen Test Kit	502803		
Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit	502A00		
Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit	502A01		
Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit	502A02		
Feline Panleukopenia Virus Antibody Test Kit, Dot Blot	503F50		
Foot and Mouth Disease Virus Antibody Test Kit	5FM020		
Fowl Laryngotracheitis Virus Antibody Test Kit	560100		
Giardia Antigen Test Kit	5G0520		
Giardia Antigen Test Kit	5G0550		
Giardia Antigen Test Kit	5G0552		
Hemorrhagic Enteritis Virus Antibody Test Kit	57E100		
Infectious Bronchitis Virus Antibody Test Kit	503000	3,954,220	0
Infectious Bursal Disease Virus Antibody Test Kit	504000	3,150,580	0
Infectious Bursal Disease Virus Antibody Test Kit	504001		
Mycobacterium Bovis Antibody Test Kit	5A6520		
Mycobacterium Bovis-Mycobacterium Tuberculosis Antibody Test Kit	547050		
Mycobacterium Paratuberculosis Antibody Test Kit	506400		
Mycobacterium Paratuberculosis Antibody Test Kit	506401		
Mycobacterium Paratuberculosis Antibody Test Kit	506420		

## Veterinary Biological Products in Licensed Establishments

### Diagnostic products

Product	Code	Doses Produced	Doses Destroyed
Mycobacterium Paratuberculosis DNA Test Kit, Polymerase Chain Reaction	506680		
Mycobacterium Paratuberculosis DNA Test Kit	506600		
Mycoplasma Gallisepticum Antibody Test Kit	507000	3,252,380	0
Mycoplasma Gallisepticum Antibody Test Kit	507001		
Mycoplasma Gallisepticum Antigen	507102		
Mycoplasma Gallisepticum-Synoviae Antibody Test Kit	507400		
Mycoplasma Gallisepticum-Synoviae Antibody Test Kit	507420		
Mycoplasma Hyopneumoniae Antibody Test Kit	507500		
Mycoplasma Meleagridis Antibody Test Kit	517200		
Mycoplasma Meleagridis Antigen	507201		
Mycoplasma Synoviae Antibody Test Kit	517300	2,786,820	0
Mycoplasma Synoviae Antibody Test Kit	517301		
Mycoplasma Synoviae Antigen	507302		
Neospora Caninum Antibody Test Kit, cELISA	5N0520		
Neospora Caninum Antibody Test Kit	5N0500		
Newcastle Disease Virus Antibody Test Kit, ELISA	508020		
Newcastle Disease Virus Antibody Test Kit	508000	2,844,960	0
Newcastle Disease Virus Antibody Test Kit	508001		
Pasteurella Multocida Antibody Test Kit	513000		
Pasteurella Multocida Antibody Test Kit	513001		
Porcine Epidemic Diarrhea Virus Antibody Test Kit	500320		
Porcine Reproductive & Respiratory Syndrome Virus Antibody Test Kit	59S502		
Porcine Reproductive & Respiratory Syndrome Virus Antibody Test Kit	59S520		
Pseudorabies Virus Antibody Test Kit	511002		
Pseudorabies Virus Antibody Test Kit	511003		
Pseudorabies Virus gB Antibody Test Kit	511400		
Pseudorabies Virus gpl Antibody Test Kit	511300		
Reticuloendotheliosis Virus Antibody Test Kit	526500		
Salmonella Enteritidis Antibody Test Kit	5SE500		
Salmonella Enteritidis-Typhimurium Antibody Test Kit	57E500		
Small Ruminant Lentivirus Antibody Test Kit, cELISA	513920		
Swine Influenza Virus Antibody Test Kit	59A520		
Swine Influenza Virus RNA Test Kit	59A780		
Swine Influenza Virus RNA Test Kit	59A781		
Swine Influenza Virus Type A Antigen Test Kit	518151		
Theileria Equi Antibody Test Kit	501B20		
Transmissible Spongiform Encephalopathy Antigen Test Kit, ELISA	543120		
Trichinella Spiralis Antibody Test Kit	535000		
Trichomonas Foetus DNA Test Kit	529280		
Tuberculin, PPD Bovis, Intradermic	530200		
West Nile Virus Antibody Test Kit, ELISA	599620		
<b>Diagnostic products Totals</b>		<b>87,491,223</b>	<b>94,250</b>

**Veterinary Biological Products in Licensed Establishments**  
**Diagnostic products**



## Veterinary Biological Products in Licensed Establishments

### Antitoxins

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Antivenin, Crotalidae Polyvalent, Equine Origin</b>	610101		
<b>Antivenin, Crotalidae Polyvalent</b>	610100		
<b>Clostridium Perfringens Type C Antitoxin- Escherichia Coli Antibody, Equine Origin</b>	621201		
<b>Clostridium Perfringens Types C &amp; D Antitoxin, Equine Origin</b>	622100	11,397,625	0
<b>Tetanus Antitoxin</b>	630200		
<b>Antitoxins Totals</b>		<b>14,391,912</b>	<b>339,700</b>

## Veterinary Biological Products in Licensed Establishments

### Bacterin-toxoids

Product	Code	Doses Produced	Doses Destroyed
<b>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin-Toxoid</b>	705401		
<b>Bordetella Bronchiseptica-Pasteurella Multocida Bacterin-Toxoid</b>	706000		
<b>Clostridium Botulinum Type C Bacterin-Toxoid</b>	701000		
<b>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</b>	716000		
<b>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</b>	716001		
<b>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</b>	716002		
<b>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D-Haemophilus Somnus Bacterin-Toxoid</b>	7B2300		
<b>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Tetani-Perfringens Types C &amp; D Bacterin-Toxoid</b>	734000		
<b>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Tetani-Perfringens Types C &amp; D Bacterin-Toxoid</b>	728000		
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii Bacterin-Toxoid</b>	739000		
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</b>	741000	16,909,270	0
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</b>	741001	41,298,880	1,402,100
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</b>	741002		
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Haemophilus Somnus Bacterin-Toxoid</b>	742300	29,091,980	0
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Moraxella Bovis Bacterin-Toxoid</b>	742501		
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Moraxella Bovis Bacterin-Toxoid</b>	742502		
<b>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Moraxella Bovis Bacterin-Toxoid</b>	742503		
<b>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</b>	789000	17,810,600	0
<b>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</b>	789001		
<b>Clostridium Perfringens Types C &amp; D Bacterin-Toxoid</b>	787000	5,334,220	0
<b>Clostridium Perfringens Types C &amp; D Bacterin-Toxoid</b>	787002		
<b>Clostridium Perfringens Types C &amp; D-Tetani Bacterin-Toxoid</b>	788500		
<b>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</b>	7A9400		
<b>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</b>	7A9401		
<b>Escherichia Coli Bacterin-Toxoid</b>	785000		

## Veterinary Biological Products in Licensed Establishments

### Bacterin-toxoids

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</b>	789501		
<b>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</b>	79A501		
<b>Mannheimia Haemolytica Bacterial Extract-Toxoid</b>	7906R0		
<b>Mannheimia Haemolytica Bacterin-Toxoid</b>	790500		
<b>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</b>	793501		
<b>Pasteurella Multocida Bacterial Extract-Mannheimia Haemolytica Toxoid</b>	794500		
<b>Salmonella Typhimurium Bacterin-Toxoid</b>	791001		
<b>Staphylococcus Aureus Bacterin-Toxoid</b>	7960C0		
<b>Bacterin-toxoids Totals</b>		<b>275,210,742</b>	<b>1,972,750</b>

## Veterinary Biological Products in Licensed Establishments

### Toxoids

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Clostridium Botulinum Type B Toxoid</b>	801000		
<b>Clostridium Perfringens Type A Toxoid</b>	808100		
<b>Clostridium Perfringens Type A Toxoid</b>	808101		
<b>Clostridium Perfringens Types C &amp; D Toxoid</b>	820100		
<b>Clostridium Perfringens Types C &amp; D Toxoid</b>	820101		
<b>Clostridium Perfringens Types C &amp; D Toxoid</b>	820102		
<b>Clostridium Perfringens Types C &amp; D Toxoid</b>	820103		
<b>Clostridium Perfringens Types C &amp; D-Tetanus Toxoid</b>	830400		
<b>Crotalus Atrox Toxoid</b>	890000		
<b>Crotalus Atrox Toxoid</b>	890001		
<b>Mannheimia Haemolytica Toxoid</b>	869900		
<b>Mannheimia Haemolytica Toxoid</b>	869901		
<b>Tetanus Toxoid</b>	860100	461,967	0
<b>Tetanus Toxoid</b>	860101		
<b>Tetanus Toxoid</b>	860102		
<b>Toxoids Totals</b>		<b>31,903,525</b>	<b>0</b>

## Veterinary Biological Products in Licensed Establishments

### Miscellaneous

Product	Code	Doses Produced	Doses Destroyed
Allergenic Extract, Flea Antigen	952500		
Allergenic Extract, House Dust	952100		
Allergenic Extract, Human Hair	95B100		
Allergenic Extract, Mixed Epidermals	952700	52,023	0
Allergenic Extract, Mixed Foods	952900		
Allergenic Extract, Mixed Grasses	952203	246,787	0
Allergenic Extract, Mixed Inhalants	952400	9,948	0
Allergenic Extract, Mixed Insects	952800	288,964	0
Allergenic Extract, Mixed Mites	95A100		
Allergenic Extract, Mixed Molds	952300	165,173	0
Allergenic Extract, Mixed Ragweed	952201	38,910	0
Allergenic Extract, Mixed Trees	952202	305,401	0
Allergenic Extract, Mixed Weeds	952204	290,577	0
Allergenic Extract, Prescription Product	953100	1,314,689	0
Canine Atopic Dermatitis Immunotherapeutic	958002		
Canine Melanoma Vaccine, DNA	9240D0		
Canine Osteosarcoma Vaccine, Live Listeria Vector	9243R0		
Caprine Serum Fraction Immunomodulator	936000		
DNA Immunostimulant	9381D0		
Feline Interleukin-2 Immunomodulator, Live Canarypox Vector	9401R0		
Lymphocyte T-Cell Immunomodulator	941000		
Mycobacterium Cell Wall Fraction Immunostimulant	930000		
Mycobacterium Cell Wall Fraction Immunostimulant	930001		
Mycobacterium Cell Wall Fraction Immunostimulant	930002		
Polyprenyl Immunostimulant	938000		
Prescription Product, RNA Particle	9PP000		
Propionibacterium Acnes Immunostimulant	935000		
Staphylococcus Aureus Phage Lysate	935500		
<b>Miscellaneous Totals</b>		<b>12,346,413</b>	<b>15,350</b>

## Veterinary Biological Products in Licensed Establishments

For further manufacture: vaccines

Product	Code	Doses Produced	Doses Destroyed
Autogenous Virus, Live Virus	A01510		
Bovine Parainfluenza 3 Virus, Modified Live Virus	A84120		
Bovine Respiratory Syncytial Virus, Modified Live Virus	A09120		
Bovine Rhinotracheitis Virus, Killed Virus	A10521		
Bovine Virus Diarrhea Virus, Killed Virus	A20520		
Bovine Virus Diarrhea Virus, Killed Virus	A20521		
Bovine Virus Diarrhea Virus, Killed Virus	A20523		
Bovine Virus Diarrhea Virus, Killed Virus	A20524		
Bursal Disease Virus, Live Variant	A2B950		
Bursal Disease Virus, Live Virus	A27100		
Bursal Disease Virus, Live Virus	A27150		
Bursal Disease Virus, Live Virus	A2B14A		
Canine Adenovirus Type 2, Modified Live Virus	A34121		
Canine Distemper Virus, Modified Live Virus	A30120		
Canine Parainfluenza Virus, Modified Live Virus	A42120		
Canine Parainfluenza Virus, Modified Live Virus	A42121		
Canine Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus, Avirulent Live Culture	A4M120		
Canine Parvovirus, Modified Live Virus	A8M123		
Coccidiosis Vaccine, Live Oocysts	A43151		
Coccidiosis Vaccine, Live Oocysts	A43154		
Encephalomyelitis Virus, Venezuelan, Killed Virus	A48500		
Encephalomyelitis Virus, Western, Killed Virus	A48525		
Equine Influenza Virus, Killed Virus	A50520		
Equine Rhinitis A Virus, Killed Virus	A52220		
Equine Rhinopneumonitis Vaccine, Killed Virus	A52520		
Equine Rhinopneumonitis Vaccine, Modified Live Virus	A52121		
Equine Rhinopneumonitis Virus, Modified Live Virus	A52120		
Equine Rhinopneumonitis-Influenza Vaccine, Killed Virus	A51520		
Equine Rotavirus, Killed Virus	AE1522		
Feline Infectious Peritonitis Virus, Modified Live Virus	A5A120		
Feline Leukemia Vaccine, Killed Virus	A55521		
Feline Leukemia Vaccine, Killed Virus	A55523		
Feline Leukemia Virus Antigen	A555R0		
Feline Leukemia Virus Antigen	A555R1		
Feline Panleukopenia Virus, Modified Live Virus	A56122		
Feline Rhinotracheitis Virus, Modified Live Virus	A6A120		
Giardia Lamblia Vaccine, Killed Protozoa	A8G500		
Ovine Ecthyma Vaccine, Modified Live Virus	A82150		
Porcine Circovirus, Type 1 - Type 2 Chimera, Killed Virus	A9K5R2		
Rabies Vaccine, Live Vaccinia Vector	A901R0		
Rabies Virus, Killed Virus	A90522		
West Nile Virus, Killed Virus	A99520		
West Nile Virus, Killed Virus	A99521		

**Veterinary Biological Products in Licensed Establishments**

**For further manufacture: vaccines**

<b>For further manufacture: vaccines Totals</b>		<b>72,631,195</b>	<b>8,975,000</b>
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## Veterinary Biological Products in Licensed Establishments

For further manufacture: bacterins and bacterial extracts

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Actinobacillus Pleuropneumoniae Bacterin</b>	B65701		
<b>Autogenous Bacterin</b>	B05104		
<b>Autogenous Killed Culture</b>	B05100	326,544	39,270
<b>Clostridium Chauvoei, Killed Culture</b>	B25000		
<b>Escherichia Coli Bacterin, Killed Culture</b>	B64804		
<b>Leptospira Canicola, Killed Culture</b>	B66100		
<b>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona, Killed Culture</b>	B66501		
<b>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona, Killed Culture</b>	B66800		
<b>Leptospira Hardjo Bacterin</b>	B6M701		
<b>Leptospira Icterohaemorrhagiae, Killed Culture</b>	B66A00		
<b>Moraxella Bovis Bacterin</b>	B77200		
<b>Moraxella Bovis, Killed Culture</b>	B77201		
<b>Mycoplasma Hyopneumoniae Bacterin</b>	B77500		
<b>Mycoplasma Hyopneumoniae Bacterin</b>	B77503		
<b>Mycoplasma Hyopneumoniae, Killed Culture</b>	B77501		
<b>For further manufacture: bacterins and bacterial extracts Totals</b>		<b>47,051,081</b>	<b>39,270</b>



## Veterinary Biological Products in Licensed Establishments

### For further manufacture: antibody products

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Bursal Disease Antibody, Chicken Origin</b>	C20500		
<b>Canine Atopic Dermatitis Monoclonal Antibody</b>	C58000		
<b>For further manufacture: antibody products Totals</b>		<b>659,690</b>	<b>0</b>

## Veterinary Biological Products in Licensed Establishments

For further manufacture: vaccines with bacterins/bacterial extracts/toxoids

Product	Code	Doses Produced	Doses Destroyed
Autogenous Virus, Killed Virus, Autogenous Killed Culture	D50020		
Encephalomyelitis Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	D86525		
Encephalomyelitis Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D86522		
Encephalomyelitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D6W523		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	D84720		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D84520		
Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D84521		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	D85520		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	D85521		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D85522		
Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D85524		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western & Venezuelan, Killed Virus, Tetanus Toxoid	D8W520		
Encephalomyelitis-West Nile Virus Vaccine, Eastern & Western, Killed Virus, Tetanus Toxoid	D8W521		
Parvovirus Vaccine, Killed Virus, Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin	D8C520		
<b>For further manufacture: vaccines with bacterins/bacterial extracts/toxoids Totals</b>		<b>103,909,720</b>	<b>0</b>

## Veterinary Biological Products in Licensed Establishments

### For further manufacture: diagnostic products

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
Canine Heartworm Antigen Test Kit	E01800	482,915	0
Canine Parvovirus Antigen Test Kit	E02403		
Feline Heartworm Antibody Test Kit	EF1800		
Giardia Antigen Test Kit	EG0550		
<b>For further manufacture: diagnostic products Totals</b>		<b>3,773,040</b>	<b>0</b>

## Veterinary Biological Products in Licensed Establishments

For further manufacture: bacterin-toxoids

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Clostridium Novyi, Killed Culture</b>	G68000		
<b>Clostridium Sordellii, Killed Culture</b>	GC9000		
<b>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</b>	GA9400		
<b>Mannheimia Haemolytica Bacterin-Toxoid</b>	G90500		
<b>For further manufacture: bacterin-toxoids Totals</b>		<b>1,903,459</b>	<b>0</b>

## Veterinary Biological Products in Licensed Establishments

For further manufacture: toxoids

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
<b>Clostridium Perfringens Type C Toxoid</b>	H10100		
<b>Clostridium Perfringens Type D Toxoid</b>	H30101		
<b>Clostridium Septicum Toxoid</b>	H34000		
<b>Clostridium Septicum Toxoid</b>	H34001		
<b>Clostridium Sordellii Toxoid</b>	H36000		
<b>Tetanus Toxoid, Killed Culture</b>	H60101		
<b>For further manufacture: toxoids Totals</b>		<b>7,125,400</b>	<b>0</b>

## Veterinary Biological Products in Licensed Establishments

For further manufacture: miscellaneous

<b>Product</b>	<b>Code</b>	<b>Doses Produced</b>	<b>Doses Destroyed</b>
DNA Immunostimulant	I381D1		
<b>For further manufacture: miscellaneous Totals</b>		<b>17,450</b>	<b>0</b>

### Veterinary Biological Products in Licensed Establishments

Category	Doses Produced	Doses Destroyed
<b>Totals for Vaccines</b>	<b>100,147,035,218</b>	<b>2,992,947,427</b>
<b>Totals for Bacterins and bacterial extracts</b>	<b>1,327,244,045</b>	<b>14,890,223</b>
<b>Totals for Antibody products</b>	<b>36,557,140</b>	<b>0</b>
<b>Totals for Vaccines with bacterins/bacterial extracts/toxoids</b>	<b>721,670,233</b>	<b>24,307,548</b>
<b>Totals for Diagnostic products</b>	<b>87,491,223</b>	<b>94,250</b>
<b>Totals for Antitoxins</b>	<b>14,391,912</b>	<b>339,700</b>
<b>Totals for Bacterin-toxoids</b>	<b>275,210,742</b>	<b>1,972,750</b>
<b>Totals for Toxoids</b>	<b>31,903,525</b>	<b>0</b>
<b>Totals for Miscellaneous</b>	<b>12,346,413</b>	<b>15,350</b>
<b>Totals for For further manufacture: vaccines</b>	<b>72,631,195</b>	<b>8,975,000</b>
<b>Totals for For further manufacture: bacterins and bacterial extracts</b>	<b>47,051,081</b>	<b>39,270</b>
<b>Totals for For further manufacture: antibody products</b>	<b>659,690</b>	<b>0</b>
<b>Totals for For further manufacture: vaccines with bacterins/bacterial extracts/toxoids</b>	<b>103,909,720</b>	<b>0</b>
<b>Totals for For further manufacture: diagnostic products</b>	<b>3,773,040</b>	<b>0</b>
<b>Totals for For further manufacture: bacterin-toxoids</b>	<b>1,903,459</b>	<b>0</b>
<b>Totals for For further manufacture: toxoids</b>	<b>7,125,400</b>	<b>0</b>
<b>Totals for For further manufacture: miscellaneous</b>	<b>17,450</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>102,890,921,487</b>	<b>3,043,581,518</b>