

**United States  
Department of  
Agriculture**

Marketing and  
Regulatory  
Programs

Animal and Plant  
Health Inspection  
Service

Veterinary Services

Center for Veterinary  
Biologics  
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# **Veterinary Biological Products**

**Licenses and Permittees  
Prepared January 30, 2025**

## INTRODUCTION

This quarterly publication lists all licensed establishments, licensees, and permittees, with their subsidiaries and divisions, as well as the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment license number.

The listing of licensed establishments by number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

The index of product components lists by page number where each antigenic fraction appears. The fraction reference may appear in more than one section, for example, canine distemper appears in vaccines, antiserums, vaccines with bacterin-toxoids, and diagnostics.

Under the alphabetical listing of licensed biological products, the principal parts of the true name are underlined, and each product is assigned a code number by Policy, Evaluation, and Licensing. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphanumeric system used for product codes provides for a six-digit number of number-letter combination to be assigned to each product, i.e., the first digit denotes product types; second and third, group by agents; fourth, the viability of vaccine, (live, killed, modified live, etc.); fifth, substrates; and sixth, miscellaneous variables.

Included in this issue is a section designated "Products for Further Manufacture." These products represent one or more biological fractions brought to a prescribed stage of production requiring further processing before becoming a completed or finished product.

True names for these products describe only the product licensed, such as virus, killed culture, purified antibody, etc. Current product nomenclature such as vaccine, bacterin, etc., will be used only for completed product.

Errors in this document or suggestions for improvement should be brought to the attention of:

**USDA, APHIS, VS**  
**Center for Veterinary Biologics**  
**Policy, Evaluation, and Licensing**  
**1920 Dayton Ave, PO Box 844**  
**Ames, IA 50010**

For on-line information, the Internet address is <https://www.aphis.usda.gov/veterinary-biologics>  
This site provides access to Policy, Evaluation, and Licensing program information.

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**ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<u>License Number</u>
ALK-Abello, Inc.	259
ARKO Laboratories, Ltd.	337
AVS Bio	344
Addison Biological Laboratory, Inc.	355
Allied Biologics Company, Inc.	290
Alta Genetics USA, Inc. (Permittee)	448A
American Animal Health, Inc.	315
American Embryo Systems	315
American Swine Products	315
Americana Laboratories, Inc.	188
Applied Biosystems LLC	432
Avian Vaccine Services, LLC	344
Bimeda Biologicals, Inc.	290
Bio-Rad Laboratories (Permittee)	624
BioChek Inc. (Permittee)	588A
BioNote USA Inc. (Permittee)	485A
Biogal USA, Inc. (Permittee)	454A
Biomune Company	368
Biomune Company	368
Biotech Laboratories U.S.A. LLC	671
Biotech Laboratories U.S.A. LLC	671
Biovet Inc.	337
Biovet USA Inc. (Permittee)	600A
Boehringer Ingelheim Animal Health USA Inc.	124

**ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS****License Number**

Boehringer Ingelheim Animal Health USA Inc. (Permittee)	427A
Brinton Laboratories Inc.	343
Calbiotech Veterinary Diagnostics	447
Calbiotech Veterinary Diagnostics	447
Cambridge Technologies	464
Central States Testing, LLC	674
Ceva Animal Health, LLC	368
Ceva Animal Health, LLC (Permittee)	368A
Ceva Animal Health, LLC (Permittee)	482A
Chembio Diagnostic Systems, Inc.	645
Colorado Serum Company	188
Dairy Health Laboratories	357
Diamond Animal Health, Inc.	213
Diamond Animal Health, Inc.	213
Diamond Animal Health, Inc. (Permittee)	213A
Elanco US Inc.	196
Elanco US Inc.	196
Elanco US Inc. (Permittee)	303A
Ellie LLC (Permittee)	652A
Endovac Animal Health LLC	345
Equine Resources, LLC	597
Greer Laboratories, Inc.	294
HIPRA USA, LLC (Permittee)	449A

**ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS****License Number**

Hennessy Research Associates, LLC	597
Huvepharma, Inc.	605
Hygieia Biological Laboratories	407
IDEXX Laboratories, Inc.	313
IDEXX Laboratories, Inc. (Permittee)	313B
ImmuCell Corporation	327
Immuno-Dynamics	379
Immunovet	302
Immvac, Inc.	345
Imu-Tek Animal Health Inc.	395
InBios International, Inc.	543
International Duck Research Cooperative, Inc.	268
Intervet Inc.	165A
Intervet Inc. (Permittee)	311
Kennebec River Biosciences, Inc.	476
Kestrel, Inc.	415
La Belle Associates, Inc.	396
Lake Immunogenics, Inc.	318
Land O'Lakes Animal Milk Products Company (Permittee)	612A
Life Technologies Corporation	432
MT Venom, LLC (Permittee)	444A
MVP adjuvants	301
Medgene Labs	474
Medical Packaging Corporation	607

**ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS****License Number**

Merck Animal Health	165A
Merck Sharpe and Dohme (MSD)	165A
Mg Biologics, Inc.	614
Modern Veterinary Therapeutics, LLC (Permittee)	544B
Nelco Vet, LLC	359
Neogen Corporation	302
Neotech, LLC	472
Newport Laboratories	365
Nextmune US, LLC	403
NovaVive USA Inc.	289
PP Manufacturing Corporation	317
Pharmgate Biologics Inc.	329
Pharmgate Biologics Inc.	329
Phibro Animal Health	301
Phibro Animal Health Corporation	301
Plasvacc USA, Inc.	360
Poultry Health Laboratories	357
Poultry Health Laboratories	357
Princeton BioMeditech Corporation	631
Professional Biological Company	188
SA Scientific, Ltd.	373
Safepath Laboratories	430
Sera, Inc.	328

**ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<u>License Number</u>
Sera, Inc.	328
Sera, Inc.	328
SolidTech Animal Health, Inc.	604
Swine Health Laboratories	357
Techmix, LLC	379
Techmix, LLC	379
Tetracore, Inc.	644
Texas A&M AgriLife Research Center	393
Texson Laboratories	315
Thermo Fisher Scientific (Permittee)	582C
Thermo Fisher Scientific Inc.	432
Transboundary Animal Biologics, Inc. (Permittee)	428A
US Biologic, Inc.	650
United Vaccines, Inc	368
United Vaccines, Inc.	368
VMRD, Inc.	332
Vaxxinova	365
Vaxxinova US, Inc.	365
Vetbio, Inc.	290
Veterinary Allergy Reference Laboratory	622
Westport Biologics, LLC	597
Zinpro Corporation	439
Zoetis Inc.	190
Zoetis Inc. (Permittee)	190G



**ALPHABETICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<b><u>License Number</u></b>
Zoetis LLC	190
Zoetis LLC	190
Zoetis, Inc. (Permittee)	190A

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<u><b>License Number</b></u>
<p><b>Boehringer Ingelheim Animal Health USA Inc.</b>  <i>Mail:</i> 1730 Olympic Drive  Athens, GA 30601</p> <p><i>Type: Licensee</i></p>	124
<p><b>Intervet Inc.</b>  <i>Divisions:</i> Merck Animal Health  Merck Sharpe and Dohme (MSD)</p> <p><i>Mail:</i> 21401 West Center Road  Elkhorn, NE 68022</p> <p><i>Type: Licensee</i></p>	165A
<p><b>Colorado Serum Company</b>  <i>Subsidiaries:</i> Americana Laboratories, Inc.  Professional Biological Company</p> <p><i>Mail:</i> 4950 York Street; P.O. Box 16428  Denver, CO 80216-0428</p> <p><i>Type: Licensee</i></p>	188
<p><b>Zoetis Inc.</b>  <i>Divisions:</i> Zoetis LLC</p> <p><i>Subsidiaries:</i> Zoetis LLC</p> <p><i>Mail:</i> 601 West Cornhusker Highway  Lincoln, NE 68521-3577</p> <p><i>Type: Licensee</i></p>	190
<p><b>Zoetis, Inc.</b>  <i>Mail:</i> 601 West Cornhusker Highway  Lincoln, NE 68521</p> <p><i>Type: Permittee</i></p>	190A
<p><b>Zoetis Inc.</b>  <i>Mail:</i> 601 West Cornhusker Highway  Lincoln, NE 68521</p> <p><i>Type: Permittee</i></p>	190G
<p><b>Elanco US Inc.</b>  <i>Subsidiaries:</i> Elanco US Inc.</p>	196

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

**License Number**

*Mail:* 800 Fifth Street NW  
Fort Dodge, IA 50501

*Type: Licensee*

**Diamond Animal Health, Inc.** **213**

*Subsidiaries:* Diamond Animal Health, Inc.

*Mail:* 2538 SE 43rd Street  
Des Moines, IA 50327-1538

*Type: Licensee*

**Diamond Animal Health, Inc.** **213A**

*Mail:* 2538 SE 43rd Street  
Des Moines, IA 50327

*Type: Permittee*

**ALK-Abello, Inc.** **259**

*Mail:* 2 Channel Drive  
Port Washington, NY 11050

*Type: Licensee*

**International Duck Research Cooperative, Inc.** **268**

*Mail:* 192 Old Country Road  
Eastport, NY 11941

*Type: Licensee*

**NovaVive USA Inc.** **289**

*Mail:* 119 Rowe Road  
Athens, GA 30601

*Type: Licensee*

**Bimeda Biologicals, Inc.** **290**

*Subsidiaries:* Vetbio, Inc.  
Allied Biologics Company, Inc.

*Mail:* 1702 North Bell Street  
San Angelo, TX 76903

*Type: Licensee*

**Greer Laboratories, Inc.** **294**

*Mail:* P.O. Box 800  
Lenoir, NC 28645-0800

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

*Type: Licensee*

**Phibro Animal Health Corporation** **301**

*Divisions:* Phibro Animal Health  
MVP adjuvants

*Mail:* 4805 G Street  
Omaha, NE 68117

*Type: Licensee*

**Neogen Corporation** **302**

*Divisions:* Immunovet

*Mail:* 620 Leshner Place  
Lansing, MI 48912

*Type: Licensee*

**Elanco US Inc.** **303A**

*Mail:* 800 5th Street NW  
Fort Dodge, IA 50501

*Type: Permittee*

**Intervet Inc.** **311**

*Mail:* 21401 West Center Road  
Elkhorn, NE 68022

*Type: Permittee*

**IDEXX Laboratories, Inc.** **313**

*Mail:* One IDEXX Drive  
Westbrook, ME 04092

*Type: Licensee*

**IDEXX Laboratories, Inc.** **313B**

*Mail:* One IDEXX Drive  
Westbrook, ME 04092

*Type: Permittee*

**American Animal Health, Inc.** **315**

*Divisions:* American Swine Products  
Texson Laboratories  
American Embryo Systems

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

**License Number**

*Mail:* 2619 Skyway Drive  
Grand Prairie, TX 75052

*Type: Licensee*

**PP Manufacturing Corporation** **317**

*Mail:* 175 Crossing Boulevard, Suite 200  
Framingham, MA 01702

*Type: Licensee*

**Lake Immunogenics, Inc.** **318**

*Mail:* 348 Berg Road  
Ontario, NY 14519

*Type: Licensee*

**ImmuCell Corporation** **327**

*Mail:* 56 Evergreen Drive  
Portland, ME 04103

*Type: Licensee*

**Sera, Inc.** **328**

*Divisions:* Sera, Inc.

*Subsidiaries:* Sera, Inc.

*Mail:* P. O. Box 15866  
Shawnee Mission, KS 66285-5866

*Type: Licensee*

**Pharmgate Biologics Inc.** **329**

*Subsidiaries:* Pharmgate Biologics Inc.

*Mail:* 2575 University Avenue West, Suite 100  
St. Paul, MN 55114

*Type: Licensee*

**VMRD, Inc.** **332**

*Mail:* P.O. Box 502  
Pullman, WA 99163

*Type: Licensee*

**ARKO Laboratories, Ltd.** **337**

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

**License Number**

*Subsidiaries:* Biovet Inc.

*Mail:* P.O. Box 400  
1336 Main St.  
Jewell, IA 50130

*Type: Licensee*

**Brinton Laboratories Inc.** **343**

*Mail:* 8498 206th Avenue, N.E.  
Building B  
New London, MN 56273

*Type: Licensee*

**Avian Vaccine Services, LLC** **344**

*Divisions:* AVS Bio

*Mail:* 67 Baxter Road  
Storrs, CT 06268

*Type: Licensee*

**Immvac, Inc.** **345**

*Subsidiaries:* Endovac Animal Health LLC

*Mail:* 6080 Bass Lane  
Columbia, MO 65201

*Type: Licensee*

**Addison Biological Laboratory, Inc.** **355**

*Mail:* Route 3 Box 90-B  
Fayette, MO 65248

*Type: Licensee*

**Poultry Health Laboratories** **357**

*Divisions:* Dairy Health Laboratories  
Swine Health Laboratories  
Poultry Health Laboratories

*Mail:* 24711 County Road 100A  
Davis, CA 95616

*Type: Licensee*

**Nelco Vet, LLC** **359**

*Mail:* 154 Brook Ave.  
Deer Park, NY 11729

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

**License Number**

*Type: Licensee*

**Plasvacc USA, Inc.** **360**

*Mail:* 1535 Templeton Road  
Templeton, CA 93465

*Type: Licensee*

**Vaxxinova US, Inc.** **365**

*Divisions:* Newport Laboratories  
Vaxxinova

*Mail:* 1520 Prairie Drive  
Worthington, MN 56187

*Type: Licensee*

**Ceva Animal Health, LLC** **368**

*Divisions:* United Vaccines, Inc.  
Biomune Company

*Subsidiaries:* Biomune Company  
United Vaccines, Inc

*Mail:* 8906 Rosehill Road  
Lenexa, KS 66215

*Type: Licensee*

**Ceva Animal Health, LLC** **368A**

*Mail:* 8906 Rosehill Road  
Lenexa, KS 66215

*Type: Permittee*

**SA Scientific, Ltd.** **373**

*Mail:* 4919 Golden Quail  
San Antonio, TX 78240

*Type: Licensee*

**Techmix, LLC** **379**

*Divisions:* Immuno-Dynamics  
Techmix, LLC

*Mail:* 1800 Dodge Street  
Fennimore, WI 53809

*Type: Licensee*

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<u>License Number</u>
<p><b>Texas A&amp;M AgriLife Research Center</b>  <i>Mail:</i> Texas A&amp;M University System                      P.O. Box 918                      Sonora, TX 76950</p> <p><i>Type: Licensee</i></p>	393
<p><b>Imu-Tek Animal Health Inc.</b>  <i>Mail:</i> 3541 East Vine Drive                      Fort Collins, CO 80524</p> <p><i>Type: Licensee</i></p>	395
<p><b>La Belle Associates, Inc.</b>  <i>Mail:</i> 174 E. 4th Street                      Ripon, CA 95366</p> <p><i>Type: Licensee</i></p>	396
<p><b>Nextmune US, LLC</b>  <i>Mail:</i> 2801 South 35th Street                      Phoenix, AZ 85034</p> <p><i>Type: Licensee</i></p>	403
<p><b>Hygieia Biological Laboratories</b>  <i>Mail:</i> P.O. Box 8300                      Woodland, CA 95776</p> <p><i>Type: Licensee</i></p>	407
<p><b>Kestrel, Inc.</b>  <i>Mail:</i> 9396 Ashworth Road                      West Des Moines, IA 50266</p> <p><i>Type: Licensee</i></p>	415
<p><b>Boehringer Ingelheim Animal Health USA Inc.</b>  <i>Mail:</i> 1730 Olympic Drive                      Athens, GA 30601</p> <p><i>Type: Permittee</i></p>	427A
<p><b>Transboundary Animal Biologics, Inc.</b>  <i>Mail:</i> 3515 University Blvd                      Ames, IA 50010</p> <p><i>Type: Permittee</i></p>	428A



**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<u>License Number</u>
<p><b>Safepath Laboratories</b>  <i>Mail:</i> 5909 Sea Lion Place, Suite D                      Carlsbad, CA 92010</p> <p><i>Type: Licensee</i></p>	430
<p><b>Thermo Fisher Scientific Inc.</b>  <i>Divisions:</i> Applied Biosystems LLC                      Life Technologies Corporation</p> <p><i>Mail:</i> 2130 Woodward Street                      Austin, TX 78744</p> <p><i>Type: Licensee</i></p>	432
<p><b>Zinpro Corporation</b>  <i>Mail:</i> 10400 Viking Drive                      Suite 240                      Eden Prairie, MN 55344</p> <p><i>Type: Licensee</i></p>	439
<p><b>MT Venom, LLC</b>  <i>Mail:</i> 7210 Jordan Ave, D-93                      Canoga Park, CA 91303</p> <p><i>Type: Permittee</i></p>	444A
<p><b>Calbiotech Veterinary Diagnostics</b>  <i>Subsidiaries:</i> Calbiotech Veterinary Diagnostics</p> <p><i>Mail:</i> 1935 Cordell Court                      El Cajon, CA 92020</p> <p><i>Type: Licensee</i></p>	447
<p><b>Alta Genetics USA, Inc.</b>  <i>Mail:</i> 625 E. Elizabeth St., P.O. Box 469                      Shawano, WI 54166</p> <p><i>Type: Permittee</i></p>	448A
<p><b>HIPRA USA, LLC</b>  <i>Mail:</i> 3835 Generosity Ct., Suite 108                      Garner, NC 27529</p> <p><i>Type: Permittee</i></p>	449A

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

	<u>License Number</u>
<p><b>Biogal USA, Inc.</b>  <i>Mail:</i> 647 Michelle Court                      Lawrenceville, GA 30044</p> <p><i>Type: Permittee</i></p>	454A
<p><b>Cambridge Technologies</b>  <i>Mail:</i> 1525 Bioscience Drive                      Worthington, MN 56187</p> <p><i>Type: Licensee</i></p>	464
<p><b>Neotech, LLC</b>  <i>Mail:</i> 10061 Highway 22                      Dresden, TN 38225</p> <p><i>Type: Licensee</i></p>	472
<p><b>Medgene Labs</b>  <i>Mail:</i> 1006 32nd Avenue, Suite 104                      Brookings, SD 57006</p> <p><i>Type: Licensee</i></p>	474
<p><b>Kennebec River Biosciences, Inc.</b>  <i>Mail:</i> 41 Main Street                      Richmond, ME 04357</p> <p><i>Type: Licensee</i></p>	476
<p><b>Ceva Animal Health, LLC</b>  <i>Mail:</i> 8906 Rosehill Road                      Lenexa, KS 66215</p> <p><i>Type: Permittee</i></p>	482A
<p><b>BioNote USA Inc.</b>  <i>Mail:</i> 19912 Industrial Drive                      Big Lake, MN 55309</p> <p><i>Type: Permittee</i></p>	485A
<p><b>InBios International, Inc.</b>  <i>Mail:</i> 307 Westlake Ave. N., Suite 300                      Seattle, WA 98109</p> <p><i>Type: Licensee</i></p>	543
<p><b>Modern Veterinary Therapeutics, LLC</b></p>	544B

**NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS**

**License Number**

*Mail:* 15491 SW 12 Street; Bldg D, Unit 403  
Sunrise, FL 33326

*Type: Permittee*

**Thermo Fisher Scientific**

**582C**

*Mail:* 2130 Woodward Street  
Austin, TX 78744

*Type: Permittee*

**BioChek Inc.**

**588A**

*Mail:* 3 Southgate Road  
Building 1 Unit 2  
Scarborough, ME 04074

*Type: Permittee*

**Hennessy Research Associates, LLC**

**597**

*Subsidiaries:* Equine Resources, LLC  
Westport Biologics, LLC

*Mail:* 7940 Marshall Drive  
Lenexa, KS 66214

*Type: Licensee*

**Biovet USA Inc.**

**600A**

*Mail:* 1502 East 122nd Street  
Burnsville, MN 55337

*Type: Permittee*

**SolidTech Animal Health, Inc.**

**604**

*Mail:* 812 NE 24th Street  
P.O. Box 790  
Newcastle, OK 73065-0790

*Type: Licensee*

**Huvepharma, Inc.**

**605**

*Mail:* 520 West Industrial Lake Drive  
Lincoln, NE 68528

*Type: Licensee*

**Medical Packaging Corporation**

**607**

*Mail:* 941 Avenida Acaso  
Camarillo, CA 93012-8700

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

*Type: Licensee*

**Land O'Lakes Animal Milk Products Company**

**612A**

*Mail:* W9912 West Bauer Road  
Black River Falls, WI 54615

*Type: Permittee*

**Mg Biologics, Inc.**

**614**

*Mail:* 2366 270th Street  
Ames, IA 50014

*Type: Licensee*

**Veterinary Allergy Reference Laboratory**

**622**

*Mail:* P.O. Box 41059  
Pasadena, CA 91114

*Type: Licensee*

**Bio-Rad Laboratories**

**624**

*Mail:* 2000 Alfred Nobel Drive  
Life Science Group  
Hercules, CA 94547

*Type: Permittee*

**Princeton BioMeditech Corporation**

**631**

*Mail:* 4242 US Highway 1  
Monmouth Junction, NJ 08852

*Type: Licensee*

**Tetracore, Inc.**

**644**

*Mail:* 77 Upper Rock Circle, Suite 600  
Rockville, MD 20850

*Type: Licensee*

**Chembio Diagnostic Systems, Inc.**

**645**

*Mail:* 3661 Horseblock Road  
Medford, NY 11763

*Type: Licensee*

**US Biologic, Inc.**

**650**

*Mail:* 3 North Dunlap Street  
Memphis, TN 38103-2802

NUMERICAL LISTING OF LICENSES - SUBSIDIARIES - DIVISIONS

License Number

*Type: Licensee*

**Ellie LLC**

**652A**

*Mail:* N114 W19320 Clinton Drive, Unit 5  
Germantown, WI 53022

*Type: Permittee*

**Biotech Laboratories U.S.A. LLC**

**671**

*Subsidiaries:* Biotech Laboratories U.S.A. LLC

*Mail:* 12300 Washington Ave.  
Rockville, MD 20852

*Type: Licensee*

**Central States Testing, LLC**

**674**

*Mail:* 1797 Road PP  
Sublette, KS 67877

*Type: Licensee*

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
		<i>*Conditional License</i>						
<b><u>Anthrax Spore Vaccine</u></b>								
1011.00	Nonencapsulated Live Culture	188						
<b><u>Arthrobacter Vaccine</u></b>								
1K11.00	Live Culture	303A						
<b><u>Autogenous Vaccine</u></b>								
1018.00	Killed Fungus	268						
1015.00	Killed Virus	124						
1015.10	Killed Virus	196	368	407				
1015.20	Killed Virus	213	290	337	365	464	597	
		605						
1015.21	Killed Virus	213	301	368				
1015.50	Killed Virus	290						
1015.90	Killed Virus	188	365					
1015.I2	Killed Virus	604						
<b><u>Avian Encephalomyelitis Vaccine</u></b>								
1051.10	Live Virus	407						
1051.11	Live Virus	124	190					
<b><u>Avian Encephalomyelitis-Chicken Anemia Virus-Fowl Pox Vaccine</u></b>								
10T1.40	Live & Modified Live Virus	165A						
<b><u>Avian Encephalomyelitis-Fowl Pox Vaccine</u></b>								
10M1.10	Live Virus	124	190	407				
10M1.14	Live Virus	165A						
10M1.40	Live Virus	368						
<b><u>Avian Encephalomyelitis-Fowl Pox-Laryngotracheitis Vaccine</u></b>								
10S1.R0	Live Virus, Live Fowl Pox Vector	368						
<b><u>Avian Encephalomyelitis-Fowl Pox-Mycoplasma Gallisepticum Vaccine</u></b>								
1D61.R0	Live Fowl Pox Vector, Live Virus	368						
<b><u>Avian Encephalomyelitis-Fowl Pox-Pigeon Pox Vaccine</u></b>								
10M2.10	Live Virus	407						

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Avian Influenza Vaccine</u></b>	
1057.D0	H5 Subtype, DNA	605*
1057.R1	H5N1 Subtype, Killed Virus	190*
1057.R3	H5N3 Subtype, Killed Virus	190
1905.D0	RNA	165A *
	<b><u>Avian Influenza-Bursal Disease-Marek's Disease Vaccine</u></b>	
1L81.R0	H5 Subtype, Serotype 3, Live Marek's Disease Vector	124
	<b><u>Avian Influenza-Fowl Pox Vaccine</u></b>	
1061.R0	H5 Subtype, Live Fowl Pox Vector	124
	<b><u>Avian Influenza-Marek's Disease Vaccine</u></b>	
1062.R0	H5 Subtype, Serotype 3, Live Marek's Disease Vector	368
	<b><u>Avian Paramyxovirus Vaccine</u></b>	
10C5.11	Type 1, Killed Virus	337*
	<b><u>Avian Pneumovirus Vaccine</u></b>	
1A31.20	Modified Live Virus	368
	<b><u>Avian Polyomavirus Vaccine</u></b>	
1A15.00	Killed Virus	605
	<b><u>Avian Reovirus Vaccine</u></b>	
1045.00	Killed Virus	190
1045.01	Killed Virus	124
1045.02	Killed Virus	196
1045.21	Killed Virus	368*
1045.30	Killed Virus	368
	<b><u>Bluetongue Vaccine</u></b>	
1061.00	Modified Live Virus	188
	<b><u>Bordetella Avium Vaccine</u></b>	
1021.01	Avirulent Live Culture	165A 337

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bordetella Bronchiseptica Vaccine</u></b>	<i>*Conditional License</i>
1081.00	Avirulent Live Culture	190 301 355
1081.01	Avirulent Live Culture	165A 190
1081.02	Avirulent Live Culture	165A 190 196
1081.04	Avirulent Live Culture	124
1081.05	Avirulent Live Culture	124
	<b><u>Bovine Coronavirus Vaccine</u></b>	
19N1.20	Modified Live Virus	165A
	<b><u>Bovine Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u></b>	
1161.20	Modified Live Virus	213
	<b><u>Bovine Respiratory Syncytial Virus Vaccine</u></b>	
1091.20	Modified Live Virus	213
	<b><u>Bovine Rhinotracheitis Vaccine</u></b>	
1105.20	Killed Virus	213
1101.00	Modified Live Virus	188
1101.20	Modified Live Virus	124 213
1101.21	Modified Live Virus	124 190 290
	<b><u>Bovine Rhinotracheitis-Parainfluenza 3 Vaccine</u></b>	
1121.00	Modified Live Virus	188
1121.20	Modified Live Virus	213
1121.21	Modified Live Virus	190
1121.22	Modified Live Virus	290
1121.31	Modified Live Virus	165A
	<b><u>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u></b>	
1071.20	Modified Live Virus	124 165A 190 213
1071.21	Modified Live Virus	290
1071.22	Modified Live Virus	190
1071.23	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis-Parainfluenza 3-Respiratory Syncytial Virus-Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u></b>	
11C8.20	Modified Live Virus, Avirulent Live Culture	165A



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine</u></b>	
1155.20	Killed Virus	213
1151.00	Modified Live Virus	188
1151.20	Modified Live Virus	213 290
1151.22	Modified Live Virus	124
1151.23	Modified Live Virus	124
1151.26	Modified Live Virus	124 190
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine</u></b>	
1171.00	Modified Live Virus	188
1171.20	Modified Live Virus	213
1171.24	Modified Live Virus	190
1171.27	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine</u></b>	
1185.20	Killed Virus	196
1185.23	Killed Virus	124
1187.20	Modified Live & Killed Virus	213
1187.21	Modified Live & Killed Virus	124 190
1187.25	Modified Live & Killed Virus	190
1181.20	Modified Live Virus	213
1181.21	Modified Live Virus	124 290
1181.22	Modified Live Virus	165A 290
1181.23	Modified Live Virus	190
1181.24	Modified Live Virus	124
1181.25	Modified Live Virus	124
1181.26	Modified Live Virus	124
1181.28	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus-Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u></b>	
11A8.22	Modified Live Virus, Avirulent Live Culture	165A
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Respiratory Syncytial Virus Vaccine</u></b>	
11A1.20	Modified Live Virus	213
	<b><u>Bovine Rotavirus-Coronavirus Vaccine</u></b>	
1935.20	Killed Virus	196
1931.20	Modified Live Virus	190

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bovine Virus Diarrhea Vaccine</u></b>	
1205.20	Killed Virus	213
1205.21	Killed Virus	190
1205.22	Killed Virus	124
1205.25	Killed Virus	190
1201.00	Modified Live Virus	188
1201.20	Modified Live Virus	165A 213 290
1201.22	Modified Live Virus	190
	<b><u>Bronchitis Vaccine</u></b>	
1231.1M	Ark Type, Live Virus	190
1231.20	Ark Type, Live Virus	124 196
1231.21	Ark Type, Live Virus	124 165A
1231.22	Ark Type, Live Virus	124
1231.15	Conn Type, Live Virus	124
1231.1C	Conn Type, Live Virus	124
1231.1D	Delaware Type, Modified Live Virus	165A
1231.1J	Georgia Type, Live Virus	190 368
1231.1L	Georgia Type, Live Virus	165A 190 368
1231.13	Mass & Ark Types, Live Virus	165A 190
1231.14	Mass & Conn Types, Live Virus	124 190
1231.1G	Mass & Conn Types, Live Virus	165A
1231.11	Mass Type, Live Virus	190 368
1231.12	Mass Type, Live Virus	368
1231.1A	Mass Type, Live Virus	165A
1232.10	Mass Type, Live Virus	124
1232.11	Mass Type, Live Virus	124
1232.15	Mass Type, Live Virus	124
1233.10	Mass Type, Live Virus	124
	<b><u>Brucella Abortus Vaccine</u></b>	
1251.01	Strain 19, Live Culture	188
1251.02	Strain 19, Live Culture, Reduced Dose	188
1261.00	Strain RB-51, Live Culture	188

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Bursal Disease Vaccine</u></b>	
1275.00	Killed Virus	190
1271.00	Live Virus	165A 190
1271.01	Live Virus	124
1271.02	Live Virus	196
1271.0A	Live Virus	124 190
1271.10	Live Virus	124 190
1271.12	Live Virus	124 165A
1271.13	Live Virus	124
1271.17	Live Virus	165A
1271.19	Live Virus	165A
1271.41	Live Virus	165A
12B5.40	Standard & Variant, Killed Virus	124 368
12B1.00	Standard & Variant, Live Virus	124
12B1.01	Standard & Variant, Live Virus	124
12B1.02	Standard & Variant, Live Virus	124
12L1.00	Variant, Live Virus	165A
	<b><u>Bursal Disease-Infectious Laryngotracheitis-Marek's Disease Vaccine</u></b>	
1J81.R0	Serotype 3, Live Marek's Disease Vector	124 165A
	<b><u>Bursal Disease-Marek's Disease Vaccine, Serotypes 1 &amp; 3, Live Marek's Disease Vector, Live Herpesvirus Chimera</u></b>	
1281.R3		124
	<b><u>Bursal Disease-Marek's Disease Vaccine</u></b>	
1A88.R0	Serotype 3, Live Marek's Disease Vector	124 368
1A88.R3	Serotype 3, Live Marek's Disease Vector	124 190
1288.42	Serotype 3, Live Virus	124
1288.4A	Serotype 3, Live Virus	124
1281.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368
1288.43	Serotypes 2 & 3, Live Virus	124
1288.44	Serotypes 2 & 3, Live Virus	124
1288.45	Serotypes 2 & 3, Live Virus	124
1A88.R2	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	124 368
12C8.40	Standard & Variant, Serotype 3, Live Virus	124
12C8.43	Standard & Variant, Serotype 3, Live Virus	124
12C8.42	Standard & Variant, Serotypes 2 & 3, Live Virus	124
12C8.44	Standard & Variant, Serotypes 2 & 3, Live Virus	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bursal Disease-Marek's Disease-Newcastle Disease Vaccine</u></b>	
1A89.R0	Serotype 3, Live Marek's Disease Vector	190 368
1A89.R1	Serotype 3, Live Marek's Disease Vector	124 165A
1A91.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368
1A91.R2	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	368
	<b><u>Bursal Disease-Newcastle Disease-Bronchitis Vaccine</u></b>	
12H1.67	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124
12D5.45	Standard & Variant, Mass & Ark Types, Killed Virus	124
	<b><u>Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine</u></b>	
12M5.40	Killed Virus	190
12M5.91	Mass Type, Killed Virus	196
12M5.41	Standard & Variant, Mass & Ark Types, Killed Virus	124
12M5.42	Standard & Variant, Mass & Ark Types, Killed Virus	196
12M5.01	Standard & Variant, Mass Type, Killed Virus	165A 196 368
12M5.44	Standard & Variant, Mass Type, Killed Virus	124
12M5.E0	Standard & Variant, Mass Type, Killed Virus	190 368
	<b><u>Bursal Disease-Newcastle Disease-Reovirus Vaccine</u></b>	
12P5.40	Standard & Variant, Killed Virus	124
	<b><u>Bursal Disease-Reovirus Vaccine</u></b>	
12D5.01	Standard & Variant, Killed Virus	124
12D5.03	Standard & Variant, Killed Virus	196
12D5.04	Standard & Variant, Killed Virus	196
12D5.30	Standard & Variant, Killed Virus	165A
12D5.E0	Standard & Variant, Killed Virus	368
12D5.T0	Standard & Variant, Killed Virus	190
	<b><u>Canine Adenovirus Type 2-Parainfluenza-Bordetella Bronchiseptica Vaccine</u></b>	
12X1.20	Modified Live Virus & Avirulent Live Culture	165A 196
12X1.21	Modified Live Virus & Avirulent Live Culture	124 190
	<b><u>Canine Coronavirus Vaccine</u></b>	
14P5.20	Killed Virus	165A 190 196
14P5.21	Killed Virus	124
14P5.22	Killed Virus	196

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Canine Coronavirus-Parvovirus Vaccine</u></b>	<i>*Conditional License</i>
14R7.21	Modified Live & Killed Virus	190
14R7.29	Modified Live & Killed Virus	196
	<b><u>Canine Distemper Vaccine</u></b>	
1301.20	Modified Live Virus	472
	<b><u>Canine Distemper-Adenovirus Type 2 Vaccine</u></b>	
13A1.20	Modified Live Virus	165A 190 472
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine</u></b>	
1599.20	Modified Live & Killed Virus	165A
1599.21	Modified Live & Killed Virus	190
1599.24	Modified Live & Killed Virus	124
1599.27	Modified Live & Killed Virus	196
1599.29	Modified Live & Killed Virus	196
1591.R1	Modified Live Virus; Canarypox Vector	124
	<b><u>Canine Distemper-Adenovirus Type 2-Measles-Parainfluenza Vaccine</u></b>	
1341.20	Modified Live Virus	190
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine</u></b>	
13C1.20	Modified Live Virus	124 190
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine</u></b>	
13D1.20	Modified Live Virus	165A
13D1.21	Modified Live Virus	165A
13D1.22	Modified Live Virus	190
13D1.23	Modified Live Virus	124
13D1.24	Modified Live Virus	124
13D1.25	Modified Live Virus	124
13D1.29	Modified Live Virus	196
13D1.R1	Modified Live Virus, Canarypox Vector	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine</u></b>	
1331.20	Modified Live Virus	165A
1331.22	Modified Live Virus	124
1331.23	Modified Live Virus	196
1331.27	Modified Live Virus	190
1331.R1	Modified Live Virus, Canarypox Vector	124
	<b><u>Canine Distemper-Measles Vaccine</u></b>	
1351.20	Modified Live Virus	190
	<b><u>Canine Distemper-Parvovirus Vaccine</u></b>	
13P1.20	Modified Live Virus	165A
	<b><u>Canine Influenza Vaccine, H3N2 &amp; H3N8</u></b>	
15Q5.20	Killed Virus	165A 190
	<b><u>Canine Influenza Vaccine</u></b>	
15P5.R0	H3, RNA Particle	165A
15P5.20	H3N2, Killed Virus	165A 190
15K5.20	H3N8, Killed Virus	165A
	<b><u>Canine Parainfluenza-Bordetella Bronchiseptica Vaccine, Modified Live Virus, Avirulent Live Culture</u></b>	
14M1.23		165A
	<b><u>Canine Parainfluenza-Bordetella Bronchiseptica Vaccine</u></b>	
14M1.20	Modified Live Virus, Avirulent Live Culture	190
14M1.22	Modified Live Virus, Avirulent Live Culture	124 165A
	<b><u>Chicken Anemia Virus Vaccine</u></b>	
10A1.00	Live Virus	368
10A1.10	Modified Live Virus	165A
	<b><u>Chlamydia Psittaci Vaccine</u></b>	
1585.20	Killed Chlamydia	196
	<b><u>Clostridium Perfringens Type A Vaccine</u></b>	
1U11.R0	Live Salmonella Vector	605
1U11.R1	Live Salmonella Vector	605

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Coccidiosis Vaccine</u></b>	
1431.50	Live Oocysts	368 605
1431.51	Live Oocysts	124 368
1431.56	Live Oocysts	368 605
1431.58	Live Oocysts	605
1431.59	Live Oocysts	605
1431.5A	Live Oocysts	165A 605
1431.5B	Live Oocysts	605
1431.5E	Live Oocysts	165A
1431.55	Live Oocysts, Chicken Isolates	165A
	<b><u>Distemper Vaccine</u></b>	
1471.R0	Live Canarypox Vector	124
	<b><u>Duck Virus Enteritis Vaccine</u></b>	
1461.10	Modified Live Virus	268
	<b><u>Duck Virus Hepatitis Vaccine</u></b>	
14B1.10	Modified Live Virus	268
	<b><u>Encephalomyelitis-West Nile Virus Vaccine</u></b>	
14W5.22	Eastern & Western, Killed Virus	190
	<b><u>Epizootic Bovine Abortion Agent Vaccine</u></b>	
1544.00	Live Culture	407*
	<b><u>Equine Arteritis Vaccine</u></b>	
1531.20	Modified Live Virus	190
	<b><u>Equine Influenza Vaccine</u></b>	
1505.10	Killed Virus	329
1505.22	Killed Virus	124
1505.23	Killed Virus	124
1505.25	Killed Virus	190
1505.28	Killed Virus	124
1505.29	Killed Virus	124
1501.10	Modified Live Virus	213
1501.20	Modified Live Virus	165A 213

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Equine Rhinopneumonitis Vaccine</u></b>	
1525.20	Killed Virus	124
1525.21	Killed Virus	124 165A 190
1525.22	Killed Virus	124 165A
1525.24	Killed Virus	190
1521.22	Modified Live Virus	124
	<b><u>Equine Rhinopneumonitis-Influenza Vaccine</u></b>	
1515.21	Killed Virus	124
1515.22	Killed Virus	124
1515.24	Killed Virus	165A
1515.27	Killed Virus	190
1515.2A	Killed Virus	124
1515.2B	Killed Virus	124
	<b><u>Equine Rotavirus Vaccine</u></b>	
1E15.20	Killed Virus	190*
	<b><u>Erysipelothrix Rhusiopathiae Vaccine</u></b>	
1541.00	Avirulent Live Culture	124 337
1541.01	Avirulent Live Culture	124 190 337
1541.03	Avirulent Live Culture	337
1541.04	Avirulent Live Culture	337
	<b><u>Escherichia Coli Vaccine</u></b>	
1551.02	Avirulent Live Culture	213 337
1551.03	Avirulent Live Culture	337
15R1.00	Avirulent Live Culture	337
15R1.01	Avirulent Live Culture	337*
1551.R0	Live Culture	190
	<b><u>Feline Calicivirus Vaccine</u></b>	
15C5.22	Killed Virus	196
15C1.22	Modified Live Virus	213
	<b><u>Feline Immunodeficiency Virus Vaccine</u></b>	
15A5.22	Killed Virus	124
15A5.23	Killed Virus	196



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Feline Infectious Peritonitis Vaccine</u></b>	
15A1.20	Modified Live Virus	190
	<b><u>Feline Leukemia Vaccine</u></b>	
1555.20	Killed Virus	165A
1555.22	Killed Virus	190
1555.R1	Killed Virus	196
1555.R5	Killed Virus	196
1555.R4	Live Canarypox Vector	124
1555.R8	RNA Particle	165A
	<b><u>Feline Leukemia-Chlamydia Psittaci Vaccine</u></b>	
1A69.20	Killed Virus, Killed Chlamydia	196
	<b><u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia Vaccine</u></b>	
15B5.21	Killed Virus	196
15B5.22	Killed Virus	196
15B9.20	Modified Live & Killed Virus	165A
15B9.21	Modified Live & Killed Virus	196
	<b><u>Feline Leukemia-Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u></b>	
1559.22	Killed Virus, Killed Chlamydia	124
1559.23	Killed Virus, Killed Chlamydia	196
1559.2C	Modified Live & Killed Virus, Killed Chlamydia	196
1559.2B	Modified Live & Killed Virus, Modified Live Chlamydia	165A
	<b><u>Feline Panleukopenia Vaccine</u></b>	
1561.20	Modified Live Virus	165A
1561.23	Modified Live Virus	213
	<b><u>Feline Rhinotracheitis Vaccine</u></b>	
16A1.22	Modified Live Virus	213

\*Conditional License

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Feline Rhinotracheitis-Calici-Panleukopenia Vaccine</u></b>	
16D5.21	Killed Virus	124
16D5.22	Killed Virus	196
16D5.23	Killed Virus	196
16D7.20	Modified Live & Killed Virus	196
16D1.20	Modified Live Virus	165A 190
16D1.21	Modified Live Virus	124
16D1.22	Modified Live Virus	165A 196 213
16D8.21	Modified Live Virus	124
	<b><u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci Vaccine</u></b>	
16E5.22	Killed Virus, Killed Chlamydia	124
16E5.23	Killed Virus, Killed Chlamydia	196
16E6.20	Modified Live Virus, Killed Chlamydia	196
16E1.20	Modified Live Virus, Modified Live Chlamydia	165A 190
16E8.20	Modified Live Virus, Modified Live Chlamydia	124
	<b><u>Feline Rhinotracheitis-Calici-Panleukopenia-Chlamydia Psittaci-Rabies Vaccine</u></b>	
1619.R1	Modified Live Virus and Chlamydia, Canarypox Vector	124
	<b><u>Feline Rhinotracheitis-Calici-Panleukopenia-Rabies Vaccine</u></b>	
16T9.R0	Modified Live Virus, Canarypox Vector	124
	<b><u>Feline Rhinotracheitis-Calivirus Vaccine</u></b>	
16C1.20	Modified Live Virus	190
16C1.21	Modified Live Virus	165A
16C1.22	Modified Live Virus	213
	<b><u>Fowl Laryngotracheitis Vaccine</u></b>	
1601.01	Modified Live Virus	165A
1601.11	Modified Live Virus	124 190 196
	<b><u>Fowl Laryngotracheitis-Marek's Disease Vaccine</u></b>	
16J1.R1	Serotype 3, Live Marek's Disease Vector	165A 368
16J1.R3	Serotype 3, Live Marek's Disease Vector	165A
16J1.R4	Serotypes 2 & 3, Live Virus, Live Marek's Disease Vector	368
16J1.R2	Serotypes 2 & 3, Modified Live & Live Marek's Disease Vector	165A

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Fowl Pox Vaccine</u></b>	<i>*Conditional License</i>
1621.00	Live Virus	368
1621.10	Live Virus	196 407
1621.11	Live Virus	190
1621.14	Live Virus	165A
1622.00	Live Virus	124
	<b><u>Fowl Pox-Laryngotracheitis Vaccine</u></b>	
1F31.R0	Live Fowl Pox Vector	368
1F31.R1	Live Fowl Pox Vector	368
	<b><u>Fowl Pox-Marek's Disease Vaccine</u></b>	
15E2.00	Serotype 3, Live Virus	124
	<b><u>Fowl Pox-Mycoplasma Gallisepticum Vaccine</u></b>	
1D51.R0	Live Fowl Pox Vector	368
	<b><u>Glaesserella Parasuis Vaccine</u></b>	
19J1.00	Avirulent Live Culture	124
	<b><u>Hemorrhagic Enteritis Vaccine</u></b>	
17E1.20	Live Virus	165A 337 343 368 407
	<b><u>Infectious Laryngotracheitis-Marek's Disease-Newcastle Disease Vaccine</u></b>	
1C91.R0	Serotype 3, Live Marek's Disease Vector	165A
1C91.R1	Serotype 3, Live Marek's Disease Vector	165A
	<b><u>Lawsonia Intracellularis Vaccine</u></b>	
10L1.00	Avirulent Live Culture	124
10L1.01	Avirulent Live Culture	124
10L1.20	Avirulent Live Culture	337
	<b><u>Mannheimia Haemolytica-Pasteurella Multocida Vaccine</u></b>	
1861.01	Avirulent Live Culture	165A
1861.02	Avirulent Live Culture	165A

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**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
<b><u>Marek's Disease Vaccine</u></b>		
16L1.R0	Serotype 1, Live Herpesvirus Chimera	124
16L1.00	Serotype 1, Live Virus	124 165A 368
16L1.04	Serotype 1, Live Virus	190
16L1.09	Serotype 1, Live Virus	190
1631.00	Serotype 2, Live Virus	124
1631.02	Serotype 2, Live Virus	368
1631.04	Serotype 2, Live Virus	124
1631.10	Serotype 2, Live Virus	165A
1641.00	Serotype 3, Live Virus	124 190
1641.01	Serotype 3, Live Virus	190
1641.02	Serotype 3, Live Virus	190
1641.05	Serotype 3, Live Virus	124
16L1.06	Serotype 3, Live Virus	368
16G1.02	Serotypes 1 & 3, Live Virus	190
16G1.04	Serotypes 1 & 3, Live Virus	190
16L1.02	Serotypes 1 & 3, Live Virus	124 165A 368
16G1.R0	Serotypes 1 & 3, Live Virus, Live Herpesvirus Chimera	124
1651.00	Serotypes 2 & 3, Live Virus	124
1651.01	Serotypes 2 & 3, Live Virus	124
16G1.00	Serotypes 2 & 3, Live Virus	190
16L1.07	Serotypes 2 & 3, Live Virus	368
<b><u>Marek's Disease-Newcastle Disease Vaccine</u></b>		
16N1.R0	Serotype 3, Live Marek's Disease Vector	124 165A 190 368
16N1.R3	Serotype 3, Live Marek's Disease Vector	124 368
16N1.R1	Serotypes 1 & 3, Live Virus, Live Marek's Disease Vector	368
17H1.R1	Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector	124
17H1.R2	Serotypes 2 & 3, Live Virus & Live Marek's Disease Vector	124 165A 368
<b><u>Marek's Disease-Tenosynovitis Vaccine</u></b>		
16T1.00	Serotypes 2 & 3, Live & Modified Live Virus	124
<b><u>Mink Coronavirus Vaccine</u></b>		
19X5.R1	Subunit	190*
<b><u>Mink Distemper Vaccine</u></b>		
1451.00	Modified Live Virus	368

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Mycoplasma Bovis Vaccine</u></b>	
1750.00	Avirulent Live Culture	190
	<b><u>Mycoplasma Gallisepticum Vaccine</u></b>	
1751.00	Live Culture	124 165A 196
1751.01	Live Culture	165A 190
	<b><u>Newcastle Disease Vaccine</u></b>	
1711.10	B1 Type, B1 Strain, Live Virus	190
1711.12	B1 Type, B1 Strain, Live Virus	124
17A2.10	B1 Type, B1 Strain, Live Virus	124
17B1.10	B1 Type, C2 Strain, Live Virus	165A
1721.10	B1 Type, LaSota Strain, Live Virus	190 196
1721.11	B1 Type, LaSota Strain, Live Virus	124
1721.16	B1 Type, LaSota Strain, Live Virus	165A
1721.17	B1 Type, LaSota Strain, Live Virus	165A
1705.10	Killed Virus	190
1705.15	Killed Virus	196
1701.10	VG/GA Strain, Live Virus	124
17A2.V2	VG/GA Strain, Live Virus	124
17A2.V3	VG/GA Strain, Live Virus	124
	<b><u>Newcastle Disease-Fowl Pox Vaccine</u></b>	
17C1.R0	Live Fowl Pox Vector	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Newcastle-Bronchitis Vaccine</u></b>	
17A1.1L	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	165A
17A1.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	124
17A2.1M	B1 Type, B1 Strain, Mass & Ark Types, Live Virus	124
1761.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124 190
1761.17	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	196
1762.1H	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124
1762.1J	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	124
1791.14	B1 Type, B1 Strain, Mass & Conn Types, Live Virus	165A
1761.11	B1 Type, B1 Strain, Mass Type, Live Virus	124 190
1761.12	B1 Type, B1 Strain, Mass Type, Live Virus	196
1761.18	B1 Type, B1 Strain, Mass Type, Live Virus	190
1762.11	B1 Type, B1 Strain, Mass Type, Live Virus	124
1XC1.10	B1 Type, C2 Strain, Mass & Conn Types, Live Virus	165A
1XB1.10	B1 Type, C2 Strain, Mass Type, Live Virus	165A
17B1.17	B1 Type, LaSota Strain, Mass & Conn Types; Live Virus	165A
1771.11	B1 Type, LaSota Strain, Mass Type, Live Virus	124 190
1771.12	B1 Type, LaSota Strain, Mass Type, Live Virus	124 190
1771.18	B1 Type, LaSota Strain, Mass Type, Live Virus	196
1785.12	Mass & Ark Types, Killed Virus	124
1776.10	Mass Type, Killed Virus	190
1785.11	Mass Type, Killed Virus	196
17V1.10	VG/GA Strain, Mass & Conn Types, Live Virus	124
	<b><u>Newcastle-Paramyxovirus Vaccine</u></b>	
17P5.10	Type 3, Killed Virus	196
	<b><u>Ovine Ecthyma Vaccine</u></b>	
1821.00	Live Virus	188
1821.51	Live Virus	290
	<b><u>Parainfluenza 3 Vaccine</u></b>	
1841.00	Modified Live Virus	188
1841.20	Modified Live Virus	213

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Parvovirus Vaccine</u></b>	
18P5.R0	Killed Baculovirus Vector	124
18M1.20	Modified Live Virus	165A 472
18M1.23	Modified Live Virus	190
18M1.25	Modified Live Virus	124
18M1.26	Modified Live Virus	124
18M1.29	Modified Live Virus	196
	<b><u>Pasteurella Multocida Vaccine</u></b>	
1871.03	Avirulent Live Culture, Avian Isolate	165A
1871.04	Avirulent Live Culture, Avian Isolate	165A 190
	<b><u>Pigeon Pox Vaccine</u></b>	
1881.10	Live Virus	124 407
1881.12	Live Virus	165A
	<b><u>Porcine Circovirus Vaccine</u></b>	
19K5.R1	Type 1 - Type 2 Chimera, Killed Virus	190
19K5.R3	Type 1 - Type 2 Chimera, Killed Virus	190
19K5.R5	Type 1 - Type 2 Chimera, Killed Virus	190
19K5.R0	Type 2, Killed Baculovirus Vector	124 165A 329
19K5.R2	Type 2, Killed Baculovirus Vector	124
19K5.R4	Type 2, Killed Baculovirus Vector	124 165A
	<b><u>Porcine Epidemic Diarrhea Vaccine</u></b>	
19U5.20	Killed Virus	190*
	<b><u>Porcine Reproductive &amp; Respiratory Syndrome Vaccine</u></b>	
19T1.20	Reproductive & Respiratory Forms, Modified Live Virus	124 190 196
19T1.21	Reproductive & Respiratory Forms, Modified Live Virus	124 165A
19T1.22	Reproductive & Respiratory Forms, Modified Live Virus	124
19Q1.20	Reproductive Form, Modified Live Virus	124
19S1.20	Respiratory Form, Modified Live Virus	196
19S1.21	Respiratory Form, Modified Live Virus	190
19S1.23	Respiratory Form, Modified Live Virus	124
19S1.R0	Respiratory Form, Modified Live Virus	329
	<b><u>Porcine Reproductive &amp; Respiratory Syndrome-Circovirus Vaccine</u></b>	
19P9.R1	Respiratory Form, Type 2, Modified Live Virus, Killed Baculovirus Vector	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Porcine Reproductive &amp; Respiratory Syndrome-Parvovirus Vaccine</u></b>	
1P29.R0	Reproductive Form, Modified Live Virus, Killed Baculovirus Vector	124
	<b><u>Porcine Rotavirus Vaccine</u></b>	
19E1.20	Modified Live Virus	165A
19E1.21	Modified Live Virus	165A
	<b><u>Pseudorabies Vaccine</u></b>	
1891.20	Modified Live Virus	124
1891.22	Modified Live Virus	190
1891.23	Modified Live Virus	190
1891.R2	Modified Live Virus	165A
	<b><u>Rabbit Hemorrhagic Disease Vaccine</u></b>	
1R00.R0	Serotype 2, Killed Baculovirus Vector	474*
	<b><u>Rabies Vaccine</u></b>	
1905.20	Killed Virus	124 165A
1905.21	Killed Virus	196
1905.22	Killed Virus	165A
1905.23	Killed Virus	165A
1905.24	Killed Virus	190 196
1905.25	Killed Virus	124
1905.26	Killed Virus	124
1905.27	Killed Virus	124 190
1901.R1	Live Canarypox Vector	124
1901.R4	Live Canarypox Vector	124
1901.R0	Live Vaccinia Vector	124
1905.D1	RNA Particle	165A
	<b><u>Riemerella Anatipestifer Vaccine</u></b>	
1811.00	Avirulent Live Culture	268
	<b><u>Salmonella Choleraesuis Vaccine</u></b>	
19A1.00	Avirulent Live Culture	124 165A 337
19A1.01	Avirulent Live Culture	337



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Salmonella Choleraesuis-Typhimurium Vaccine</u></b>	
19A2.00	Avirulent Live Culture	124
19A2.01	Avirulent Live Culture	124
	<b><u>Salmonella Dublin Vaccine</u></b>	
19D1.R0	Live Culture	124
	<b><u>Salmonella Typhimurium Vaccine</u></b>	
19C1.00	Live Culture	190
19C1.01	Live Culture	196
19C1.02	Live Culture	196
	<b><u>Streptococcus Equi Vaccine</u></b>	
1831.00	Live Culture	190
	<b><u>Swine Influenza Vaccine</u></b>	
19A5.D3	DNA	605
19A5.RC	H1, RNA Particle	165A
19A5.RD	H1, RNA Particle	165A
19A5.28	H1N1 & H1N2 & H3N2, Killed Virus	196
19A5.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.2C	H1N1 & H1N2 & H3N2, Killed Virus	190
19A5.22	H1N1 & H3N2, Killed Virus	190 196
19A5.R9	H3, Killed Baculovirus Vector	474
19A5.RA	H3, Killed Baculovirus Vector	474
19A5.R8	N1 & N2, RNA Particle	165A
19A5.2P	pH1N1, Killed Virus	190
	<b><u>Tenosynovitis Vaccine</u></b>	
1951.10	Live Virus	165A
1951.01	Modified Live Virus	190
1951.02	Modified Live Virus	165A
1951.03	Modified Live Virus	124
1951.04	Modified Live Virus	165A
1951.11	Modified Live Virus	165A
1952.01	Modified Live Virus	124
	<b><u>Trichomonas Foetus Vaccine</u></b>	
1859.00	Killed Protozoa	124

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Wart Vaccine</u>	<i>*Conditional License</i>
1985.50	Killed Virus	188
	<u>West Nile Virus Vaccine</u>	
1995.R2	Killed Flavivirus Chimera	165A
1995.20	Killed Virus	124 190
1995.21	Killed Virus	124
1995.22	Killed Virus	124*

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
		*Conditional License					
	<u>Actinobacillus Pleuropneumoniae Bacterin</u>						
2657.00		301					
	<u>Actinobacillus Pleuropneumoniae-Glaesserella Parasuis-Pasteurella Multocida Bacterin</u>						
2674.00		196					
	<u>Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u>						
2138.02		303A					
	<u>Autogenous Bacterial Extract</u>						
2052.00		365					
2052.01		365					
	<u>Autogenous Bacterin</u>						
2051.00		188	213	268	290	301	315
		337	355	357	365	368	407
		464	474	476	597		
2051.01		124	365	368	597	605	
2051.04		196					
2051.12		604					
	<u>Autogenous Bacterin-Bacterial Extract</u>						
2053.00		365					
	<u>Avibacterium Paragallinarum Bacterin</u>						
2658.00		165A					
2658.11		190					
2658.12		196					
	<u>Bordetella Bronchiseptica Bacterin</u>						
2100.02		190					
	<u>Borrelia Burgdorferi Bacterial Extract</u>						
2126.R0		124					
2126.R1		190					

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Borrelia Burgdorferi Bacterin</u></b>	
2126.00		190 196
2126.01		165A 196
2126.R3		597* 650
	<b><u>Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
2146.00		196
	<b><u>Campylobacter Fetus Bacterin</u></b>	
2862.10		188 190
	<b><u>Campylobacter Fetus-Jejuni Bacterin</u></b>	
2860.00		407*
2861.00		188
	<b><u>Campylobacter Fetus-Jejuni-Chlamydia Abortus Bacterin</u></b>	
2119.00		188
	<b><u>Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
2863.00		188
2863.01		124 165A 190
2863.02		190
2863.05		196
2863.07		190 196
	<b><u>Chlamydia Abortus Bacterin</u></b>	
2120.00		188
2120.10		188
	<b><u>Clostridium Chauvoei-Septicum Bacterin</u></b>	
2401.01		188
	<b><u>Clostridium Chauvoei-Septicum-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u></b>	
2460.01		188
	<b><u>Clostridium Haemolyticum Bacterin</u></b>	
2465.00		188

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Erysipelothrix Rhusiopathiae Bacterin</u></b>	
2641.00		329
2641.01		190
2641.02		190
	<b><u>Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
2642.02		190
	<b><u>Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u></b>	
2A41.00		190
2A41.01		190
	<b><u>Escherichia Coli Bacterial Extract</u></b>	
264E.01		365
264E.06		365
	<b><u>Escherichia Coli Bacterin</u></b>	
2648.00		357 407
2648.07		196
2648.53		196
	<b><u>Escherichia Coli-Riemerella Anatipestifer Bacterin</u></b>	
2850.00		268
	<b><u>Escherichia Coli-Salmonella Enteritidis Bacterial Extract</u></b>	
27A6.00		365
	<b><u>Fusobacterium Necrophorum Bacterin</u></b>	
2556.00		196
	<b><u>Glaesserella Parasuis Bacterin</u></b>	
2652.00		124 196
2652.01		190
	<b><u>Glaesserella Parasuis-Mycoplasma Hyopneumoniae Bacterin</u></b>	
2565.03		190
	<b><u>Haemophilus Somnus Bacterin</u></b>	
2659.00		124 190 196

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2663.00		124
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u>	
2660.00		124
	<u>Klebsiella Pneumoniae Bacterial Extract</u>	
2879.00		365
	<u>Lawsonia Intracellularis Bacterin</u>	
2799.20		165A 190
2799.21		165A
	<u>Leptospira Canicola Bacterin</u>	
2661.00		188
	<u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u>	
2665.00		124 213
2665.01		188 190 196
2665.02		124 165A 190
2665.06		190
2665.07		196
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u>	
2668.02		196
2668.05		196
2668.06		124
	<u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterin</u>	
2668.00		124 165A 190
2668.03		165A
	<u>Leptospira Canicola-Icterohaemorrhagiae Bacterin</u>	
2671.00		188 190
2671.02		124
	<u>Leptospira Grippotyphosa Bacterin</u>	
2675.00		188

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Leptospira Grippotyphosa-Hardjo-Pomona Bacterin</u></b>	
2681.00		188
	<b><u>Leptospira Hardjo Bacterin</u></b>	
26M7.01		190
	<b><u>Leptospira Hardjo-Pomona Bacterin</u></b>	
26M1.00		124
	<b><u>Leptospira Icterohaemorrhagiae Bacterin</u></b>	
2874.00		190
	<b><u>Leptospira Pomona Bacterin</u></b>	
2691.00		188 213
2691.01		190
	<b><u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin</u></b>	
2700.00		188
	<b><u>Moraxella Bovis Bacterin</u></b>	
2772.00		124 196 355
2772.03		165A
2772.10		604
	<b><u>Moraxella Bovoculi Bacterin</u></b>	
2A77.00		355*
	<b><u>Mycoplasma Bovis Bacterin</u></b>	
2760.01		290 315
	<b><u>Mycoplasma Gallisepticum Bacterin</u></b>	
2774.00		190 196
2774.01		165A

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Mycoplasma Hyopneumoniae Bacterin</u></b>	
2775.00		190 329
2775.01		165A 190 329
2775.02		124 165A 190
2775.04		190
2775.05		190
2775.06		329
	<b><u>Mycoplasma Hyorhinis Bacterin</u></b>	
27H8.00		124
	<b><u>Neorickettsia Risticii Bacterin</u></b>	
2639.00		124
	<b><u>Paenibacillus Larvae Bacterin</u></b>	
2915.00		213*
	<b><u>Pasteurella Multocida Bacterial Extract</u></b>	
2707.02		365
	<b><u>Pasteurella Multocida Bacterin</u></b>	
2701.02		188
	<b><u>Pasteurella Multocida Bacterin</u></b>	
2705.02	Avian Isolates, Types 1 & 3 & 4 & 3 X 4	190
2703.19	Avian Isolates, Types 1 & 4 & 3 X 4	196
2701.22	Bovine & Porcine Isolates	188
	<b><u>Salmonella Dublin-Typhimurium Bacterin</u></b>	
2821.00		188
	<b><u>Salmonella Enteritidis Bacterial Extract</u></b>	
27A5.02		365
	<b><u>Salmonella Enteritidis Bacterin</u></b>	
2785.00		165A 190 196
	<b><u>Salmonella Enteritidis-Kentucky-Typhimurium Bacterin</u></b>	
2788.00		368



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
2811.00	<u>Salmonella Newport Bacterial Extract</u>	365
2825.00	<u>Salmonella Typhimurium Bacterin</u>	337
2852.00	<u>Staphylococcus Aureus Bacterin</u>	449A
2856.00	<u>Streptococcus Equi Bacterial Extract</u>	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Antibody products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		*Conditional License				
	<b><u>Bovine Coronavirus-Escherichia Coli Antibody</u></b>					
36B5.00	Bovine Origin	327				
36B5.02	Bovine Origin	327				
	<b><u>Bovine IgG</u></b>					
3606.00		379	395	396	439	612A
3606.01		448A	612A			
3606.02		396	448A			
3606.03		448A				
3606.04		448A				
3606.05		448A				
	<b><u>Bovine IgG-Escherichia Coli Antibody</u></b>					
3610.00	Bovine Origin	395	396			
3610.01	Bovine Origin	396				
	<b><u>Bovine Rotavirus-Coronavirus-Escherichia Coli Antibody</u></b>					
3625.R2	Bovine Origin	327				
	<b><u>Canine Parvovirus Monoclonal Antibody</u></b>					
3415.20		196*				
	<b><u>Equine IgG</u></b>					
3607.00		328	360	614		
3607.01		318	328	360		
	<b><u>Equine IgG-Rhodococcus Equi Antibody</u></b>					
3900.00	Equine Origin	360	614			
	<b><u>Escherichia Coli Antibody</u></b>					
3524.00	Bovine Origin	395	396			
	<b><u>Normal Serum</u></b>					
3602.00	Equine Origin	188				
	<b><u>Rhodococcus Equi Antibody</u></b>					
3750.00	Equine Origin	318	360	614		

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

Antibody products

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Salmonella Typhimurium Antibody</u>	
3850.00	Equine Origin	345
	<u>Trueperella Pyogenes-Escherichia Coli-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Antibody</u>	
3391.00	Bovine Origin	188
	<u>West Nile Virus Antibody</u>	
3995.00	Equine Origin	360

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Autogenous Vaccine, Killed Virus, Autogenous Bacterin</u></b>	
4500.12		604
	<b><u>Autogenous Vaccine-Autogenous Bacterin</u></b>	
4500.00	Killed Virus	196 368
4500.10	Killed Virus	407
4500.20	Killed Virus	213 290 365 368 464 474
		605
4500.21	Killed Virus	301
4500.90	Killed Virus	188
	<b><u>Bovine Rhinotracheitis Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u></b>	
4109.20	Killed Virus	290
	<b><u>Bovine Rhinotracheitis Vaccine-Leptospira Pomona Bacterin</u></b>	
4089.20	Modified Live Virus	213
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4145.20	Killed Virus	196
4145.22	Killed Virus	196
4141.20	Modified Live Virus	124
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u></b>	
43S5.20	Killed Virus	290
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u></b>	
43T5.20	Killed Virus	290
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4335.20	Killed Virus	213
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Hardjo-Pomona Bacterin</u></b>	
4399.20	Modified Live Virus	124
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Leptospira Pomona Bacterin</u></b>	
4389.21	Modified Live Virus	213

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica Bacterial Extract-Toxoid</u></b>	
4X29.R0	Modified Live Virus	196
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica Toxoid</u></b>	
4X29.20	Modified Live Virus	124
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea Vaccine-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u></b>	
4429.21	Modified Live Virus	290
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4560.24	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3 Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4439.00	Modified Live Virus	188
4439.20	Modified Live Virus	213
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Campylobacter Fetus-Haemophilus Somnus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
44M5.20	Killed Virus	196
44M5.22	Killed Virus	196
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
44B5.20	Killed Virus	196
44B6.20	Killed Virus	196
44B9.22	Modified Live & Killed Virus	190
44B1.20	Modified Live Virus	124 165A
44B1.22	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus Bacterin</u></b>	
44C5.20	Killed Virus	196
44C9.21	Modified Live Virus	124
44C9.24	Modified Live Virus	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Haemophilus Somnus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
44D7.22	Killed Virus	196
44D9.24	Modified Live Virus	124
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4465.20	Killed Virus	196
4465.24	Killed Virus	124
4466.20	Killed Virus	196
4469.20	Modified Live & Killed Virus	213
4469.22	Modified Live & Killed Virus	190
4469.25	Modified Live & Killed Virus	190
4461.20	Modified Live Virus	213
4461.22	Modified Live Virus	124 165A
4469.24	Modified Live Virus	124 190
4469.26	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Bacterial Extract-Toxoid</u></b>	
4X59.R1	Modified Live Virus	196
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Bacterin</u></b>	
44A5.20	Killed Virus	124
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica Toxoid</u></b>	
4X41.20	Modified Live Virus	190
4X49.21	Modified Live Virus	124
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza 3-Respiratory Syncytial Virus Vaccine-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u></b>	
45B9.20	Modified Live Virus	213
45B9.21	Modified Live Virus	290
	<b><u>Bovine Rhinotracheitis-Virus Diarrhea-Respiratory Syncytial Virus Vaccine-Leptospira Pomona Bacterin</u></b>	
4367.20	Modified Live Virus	213

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bovine Rotavirus-Coronavirus Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u></b>	
4570.20	Killed Virus	196
4570.22	Killed Virus	190
	<b><u>Bovine Rotavirus-Coronavirus Vaccine-Clostridium Perfringens Types C &amp; D-Escherichia Coli Bacterin-Toxoid</u></b>	
4575.20	Killed Virus	165A
	<b><u>Bovine Rotavirus-Coronavirus Vaccine-Escherichia Coli Bacterin</u></b>	
4585.22	Killed Virus	190
	<b><u>Bovine Virus Diarrhea Vaccine-Campylobacter Fetus-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
45B5.21	Killed Virus	190
	<b><u>Bovine Virus Diarrhea Vaccine-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4595.21	Killed Virus	190
4595.25	Killed Virus	190
	<b><u>Bovine Virus Diarrhea Vaccine-Mannheimia Haemolytica Bacterial Extract-Toxoid</u></b>	
4X39.R0	Modified Live Virus	196
	<b><u>Bovine Virus Diarrhea Vaccine-Mannheimia Haemolytica Toxoid</u></b>	
4A91.20	Modified Live Virus	190
	<b><u>Canine Coronavirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
47E5.21	Killed Virus	196
	<b><u>Canine Coronavirus Vaccine-Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
46E5.21	Killed Virus	196
46E5.27	Killed Virus	196
46E5.28	Killed Virus	124
	<b><u>Canine Coronavirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u></b>	
46D5.21	Killed Virus	124
	<b><u>Canine Distemper-Adenovirus Type 2 Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u></b>	
4629.20	Modified Live Virus	190

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
46B9.21	Modified Live & Killed Virus	196
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
46J9.23	Modified Live & Killed Virus	124
46J9.29	Modified Live & Killed Virus	196
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
47L9.20	Modified Live & Killed Virus	190
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u></b>	
46J7.20	Modified Live & Killed Virus	165A
46J7.22	Modified Live & Killed Virus	190
46J9.R1	Modified Live Virus, Live Canarypox Vector	124
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parainfluenza-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u></b>	
46L9.29	Modified Live & Killed Virus	124
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
45J9.20	Modified Live & Killed Virus	196
	<b><u>Canine Distemper-Adenovirus Type 2-Coronavirus-Parvovirus Vaccine-Leptospira Icterohaemorrhagiae Bacterial Extract</u></b>	
46P9.21	Modified Live & Killed Virus	124
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u></b>	
4659.20	Modified Live Virus	190
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine- Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
47K1.21	Modified Live Virus	165A
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Borrelia Burgdorferi Bacterin-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
46D9.20	Modified Live Virus	196



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
4637.24	Modified Live Virus	124
4637.29	Modified Live Virus	196
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
47K1.20	Modified Live Virus	165A 190
47K9.R0	Modified Live Virus, Live Canarypox Vector	124
	<b><u>Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine-Leptospira Canicola-Icterohaemorrhagiae Bacterin</u></b>	
4637.20	Modified Live Virus	165A
4637.23	Modified Live Virus	190
4639.22	Modified Live Virus	190
4639.R1	Modified Live Virus, Live Canarypox Vector	124
	<b><u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterial Extract</u></b>	
47N9.20	Modified Live Virus	196
	<b><u>Canine Distemper-Adenovirus Type 2-Parvovirus Vaccine-Leptospira Canicola-Grippytyphosa-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
47M9.R0	Modified Live Virus, Live Canarypox Vector	124
	<b><u>Encephalomyelitis Vaccine-Tetanus Toxoid</u></b>	
4865.22	Eastern & Western & Venezuelan, Killed Virus	124
4865.A0	Eastern & Western & Venezuelan, Killed Virus	124
4865.01	Eastern & Western, Killed Virus	165A
4865.24	Eastern & Western, Killed Virus	124
4865.28	Eastern & Western, Killed Virus	190
4865.A1	Eastern & Western, Killed Virus	124
	<b><u>Encephalomyelitis-Influenza Vaccine-Tetanus Toxoid</u></b>	
4835.26	Eastern & Western, Killed Virus	190
4835.46	Eastern & Western, Killed Virus	165A
	<b><u>Encephalomyelitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
46W5.22	Eastern & Western, Killed Virus	124
46W5.A1	Eastern & Western, Killed Virus	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<b><u>Encephalomyelitis-Rabies-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
48R5.20	Eastern & Western & Venezuelan, Killed Virus	190
48R5.21	Eastern & Western, Killed Virus	190
	<b><u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u></b>	
4847.21	Eastern & Western & Venezuelan, Killed Virus	124
4847.26	Eastern & Western & Venezuelan, Killed Virus	190
4847.A0	Eastern & Western & Venezuelan, Killed Virus	124
4845.20	Eastern & Western, Killed Virus	124
4845.21	Eastern & Western, Killed Virus	124
4845.26	Eastern & Western, Killed Virus	190
4845.33	Eastern & Western, Killed Virus	165A
4845.A1	Eastern & Western, Killed Virus	124
	<b><u>Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
49W5.20	Eastern & Western & Venezuelan, Killed Virus	124
49W5.21	Eastern & Western & Venezuelan, Killed Virus	124
49W5.A0	Eastern & Western & Venezuelan, Killed Virus	124
4855.24	Eastern & Western, Killed Virus	124
4855.25	Eastern & Western, Killed Virus	124
4855.A0	Eastern & Western, Killed Virus	124
4855.R2	Eastern & Western, Killed Virus, Killed Flavivirus Chimera	165A
	<b><u>Encephalomyelitis-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
48W5.20	Eastern & Western & Venezuelan, Killed Virus	124
48W5.25	Eastern & Western & Venezuelan, Killed Virus	190
48W5.A2	Eastern & Western & Venezuelan, Killed Virus	124
48W5.21	Eastern & Western, Killed Virus	124
48W5.24	Eastern & Western, Killed Virus	190
48W5.A3	Eastern & Western, Killed Virus	124
48W5.R1	Eastern & Western, Killed Virus, Killed Flavivirus Chimera	165A
	<b><u>Infectious Salmon Anemia Virus Vaccine-Aeromonas Salmonicida-Vibrio Anguillarum-Ordalii-Salmonicida Bacterin</u></b>	
4A45.20	Killed Virus	303A
	<b><u>Newcastle Disease-Bronchitis Vaccine-Salmonella Enteritidis Bacterin</u></b>	
48D7.11	Mass & Ark Types, Killed Virus	196

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Newcastle-Bronchitis Vaccine-Mycoplasma Gallisepticum Bacterin</u></b>	
48B5.10	Mass Type, Killed Virus	196
	<b><u>Newcastle-Bronchitis Vaccine-Salmonella Enteritidis Bacterin</u></b>	
48D6.10	Mass Type, Killed Virus	165A 190
	<b><u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4BC5.20	Killed Virus	190
4BC5.21	Killed Virus	190
4BC5.22	Killed Virus	190
	<b><u>Parvovirus Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
48C5.20	Killed Virus	196
48C5.22	Killed Virus	190
	<b><u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Bratislava-Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
49F6.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
	<b><u>Parvovirus-Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
49G6.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
	<b><u>Porcine Circovirus Vaccine- Lawsonia Intracellularis-Mycoplasma Hyopneumoniae Bacterin</u></b>	
49L5.R0	Type 2, Killed Baculovirus Vector	165A
	<b><u>Porcine Circovirus Vaccine- Mycoplasma Hyopneumoniae Bacterin</u></b>	
49K5.R1	Type 2, Killed Baculovirus Vector	124 165A 329
49K5.R6	Type 2, Killed Baculovirus Vector	165A
	<b><u>Porcine Circovirus Vaccine-Mycoplasma Hyopneumoniae Bacterin</u></b>	
49K5.R5	Type 1 -Type 2 Chimera, Killed Virus	190
49K5.R7	Type 1 -Type 2 Chimera, Killed Virus	190
	<b><u>Porcine Reproductive &amp; Respiratory Syndrome Vaccine-Mycoplasma Hyopneumoniae Bacterin</u></b>	
49R8.21	Modified Live Virus	124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Vaccines with bacterins/bacterial extracts/toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<b><u>Porcine Reproductive &amp; Respiratory Syndrome-Circovirus Vaccine-Mycoplasma Hyopneumoniae Bacterin</u></b>	
49K9.R0	Reproductive & Respiratory Form, Type 2, Modified Live Virus, Killed Baculovirus Vector	124
	<b><u>Porcine Rotavirus Vaccine-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u></b>	
49C1.21	Modified Live Virus	165A
	<b><u>Rabies Vaccine-Neorickettsia Risticii Bacterin</u></b>	
4905.20	Killed Virus	124
	<b><u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae Bacterin</u></b>	
4993.2B	H1N1 & H1N2 & H3N2, Killed Virus	190
4993.20	H1N1 & H3N2, Killed Virus	190
	<b><u>Swine Influenza Vaccine-Erysipelothrix Rhusiopathiae-Mycoplasma Hyopneumoniae Bacterin</u></b>	
4994.2D	H1N1 & H1N2 & H3N2, Killed Virus	190
	<b><u>Swine Influenza Vaccine-Mycoplasma Hyopneumoniae Bacterin</u></b>	
4995.2C	H1N1 & H1N2 & H3N2, Killed Virus	190
4995.2D	H1N1 & H1N2 & H3N2, Killed Virus	190
	<b><u>Trichomonas Foetus Vaccine, Campylobacter Fetus Bacterin</u></b>	
4855.00	Killed Protozoa	124
	<b><u>Trichomonas Foetus Vaccine, Killed Protozoa-Campylobacter Fetus-Leptospira Canicola-Grippytyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin</u></b>	
4990.00		124

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Actinobacillus Pleuropneumoniae Antibody Test Kit</u></b>	
5657.00	Serotype 5, ELISA	600A
	<b><u>African Swine Fever Virus DNA Test Kit</u></b>	
57A5.80		644
	<b><u>Anaplasma Antibody Test Kit</u></b>	
5002.20	cELISA	332
5002.21	cELISA	332
	<b><u>Avian Encephalomyelitis Virus Antibody Test Kit</u></b>	
5006.00		190 313 588A
	<b><u>Avian Influenza Virus Antibody Test Kit</u></b>	
5004.00		190 313
	<b><u>Avian Influenza Virus Antibody Test Kit</u></b>	
5004.20	ELISA	313 588A
	<b><u>Avian Influenza Virus RNA Test Kit</u></b>	
50A5.80		432
	<b><u>Avian Influenza Virus Type A Antigen Test Kit</u></b>	
5180.52		190
	<b><u>Avian Leukosis Virus Antibody Test Kit</u></b>	
5007.01		313
	<b><u>Avian Leukosis Virus Antibody Test Kit</u></b>	
5007.02	Subgroup J	313
	<b><u>Avian Leukosis Virus Antigen Test Kit</u></b>	
5007.00		313
	<b><u>Avian Reovirus Antibody Test Kit</u></b>	
5008.00		190 313 588A
	<b><u>Babesia Caballi Antibody Test Kit</u></b>	
501A.20	cELISA	332

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bluetongue Virus Antibody Test Kit</u></b>	
5010.00		332
	<b><u>Bluetongue Virus Antibody Test Kit</u></b>	
5010.20	cELISA	332
	<b><u>Bordetella Avium Antibody Test Kit</u></b>	
5015.00		190
	<b><u>Bovine Leukemia Virus Antibody Test Kit</u></b>	
5505.20		332
	<b><u>Bovine Spongiform Encephalopathy Antigen Test Kit</u></b>	
5430.21	EIA	313
5430.40	Immunohistochemistry	332
	<b><u>Bovine Virus Diarrhea Antigen Test Kit</u></b>	
5A05.00		313
5A05.22		313 674
	<b><u>Bovine Virus Diarrhea RNA Test Kit</u></b>	
5A06.80		432
	<b><u>Brucella Abortus Antibody Test Kit</u></b>	
5013.30		652A
	<b><u>Canine Anaplasma Antibody Test Kit</u></b>	
5751.20		373
	<b><u>Canine Borrelia Burgdorferi Antibody Test Kit</u></b>	
5017.50		373
	<b><u>Canine Distemper-Adenovirus Type 2-Parvovirus Antibody Test Kit</u></b>	
53P2.50	Dot Blot	454A
	<b><u>Canine Distemper-Parvovirus Antibody Test Kit</u></b>	
53P1.00		190

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		*Conditional License		
	<b><u>Canine Ehrlichia Antibody Test Kit</u></b>			
5039.20		373		
	<b><u>Canine Leptospira Antibody Test Kit</u></b>			
5052.21		190		
5052.50		313		
	<b><u>Canine Parvovirus Antigen Test Kit</u></b>			
5024.01		430		
5024.03		190	313	
	<b><u>Canine Parvovirus Antigen Test Kit</u></b>			
5024.00	Blot Test	373		
5024.50	Blot Test	544B		
	<b><u>Canine Parvovirus-Coronavirus Antigen Test Kit</u></b>			
5A22.50		544B		
	<b><u>Chicken Anemia Virus Antibody Test Kit</u></b>			
50C1.00		313	588A	
50C1.01		190		
	<b><u>Chronic Wasting Disease Antigen Test Kit</u></b>			
5420.21	EIA	313		
	<b><u>Equine Arteritis Virus Antibody Test Kit</u></b>			
5525.20	cELISA	332		
	<b><u>Equine Infectious Anemia Virus Antibody Test Kit</u></b>			
5515.21		332	430	
5515.22		313	430	
5515.23		332		
	<b><u>Equine Infectious Anemia Virus Antibody Test Kit</u></b>			
5515.00	ELISA	190	313	332
5515.01	ELISA	332		
	<b><u>Feline Immunodeficiency Virus Antibody Test Kit</u></b>			
5036.00		313	373	671

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Feline Leukemia Virus Antigen Test Kit</u></b>	
5028.00		190 373 671
5028.01		313
5028.03		313
	<b><u>Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u></b>	
502A.00		373 671
502A.01		190 373
502A.02		313
	<b><u>Feline Panleukopenia Virus Antibody Test Kit</u></b>	
503F.50	Dot Blot	454A
	<b><u>Foot and Mouth Disease Virus Antibody Test Kit</u></b>	
5FM0.20		332 582C
	<b><u>Foot and Mouth Disease Virus Antibody Test Kit</u></b>	
5FM0.50	Solid Phase Immunoassay	631
	<b><u>Foot and Mouth Disease Virus RNA Test Kit</u></b>	
5FM1.81		644
	<b><u>Fowl Laryngotracheitis Virus Antibody Test Kit</u></b>	
5601.00		190 588A
	<b><u>Giardia Antigen Test Kit</u></b>	
5G05.50		313 373
5G05.52		430
	<b><u>Heartworm Antigen Test Kit</u></b>	
5018.00		190 373 485A 544B 631 671
5018.01		544B
5018.02		313
5018.03		313
5018.08		190
	<b><u>Heartworm Antigen-Anaplasma Phagocytophilum-Platys-Borrelia Burgdorferi-Ehrlichia Canis-Ewingii Antibody Test Kit</u></b>	
5P21.00		313



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
		<i>*Conditional License</i>		
	<b><u>Heartworm Antigen-Anaplasma-Borrelia Burgdorferi-Ehrlichia Antibody Test Kit</u></b>			
5P23.00		313		
5P23.01		313		
	<b><u>Heartworm Antigen-Borrelia Burgdorferi Antibody Test Kit</u></b>			
5P30.00		671		
	<b><u>Heartworm-Feline Leukemia Virus Antigen-Feline Immunodeficiency Virus Antibody Test Kit</u></b>			
502C.01		313		
502C.02		313		
	<b><u>Hemorrhagic Enteritis Virus Antibody Test Kit</u></b>			
57E1.00		190		
	<b><u>Infectious Bronchitis Virus Antibody Test Kit</u></b>			
5030.00		190	313	588A
	<b><u>Infectious Bursal Disease Virus Antibody Test Kit</u></b>			
5040.00		190	313	588A
5040.01		190	313	
	<b><u>Mycobacterium Avium subspecies Paratuberculosis Antibody Test Kit</u></b>			
5064.00		313B		
5064.20		332		
	<b><u>Mycobacterium Avium subspecies Paratuberculosis DNA Test Kit</u></b>			
5066.00		432		
	<b><u>Mycobacterium Avium subspecies Paratuberculosis DNA Test Kit</u></b>			
5066.80	Polymerase Chain Reaction	644		
	<b><u>Mycobacterium Bovis-Mycobacterium Tuberculosis Antibody Test Kit</u></b>			
5470.00		645		
5470.01		645		
5470.50		645		
	<b><u>Mycoplasma Gallisepticum Antibody Test Kit</u></b>			
5070.00		190	313	588A
5070.01		190		

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u><b>Mycoplasma Gallisepticum Antigen</b></u>	
5071.02		344
	<u><b>Mycoplasma Gallisepticum-Synoviae Antibody Test Kit</b></u>	
5074.00		313 588A
5074.20		190
	<u><b>Mycoplasma Hyopneumoniae Antibody Test Kit</b></u>	
5075.00		313
	<u><b>Mycoplasma Meleagridis Antibody Test Kit</b></u>	
5172.00		190 313
	<u><b>Mycoplasma Meleagridis Antigen</b></u>	
5072.01		344
	<u><b>Mycoplasma Synoviae Antibody Test Kit</b></u>	
5173.00		190 313 588A
5173.01		190
	<u><b>Mycoplasma Synoviae Antigen</b></u>	
5073.02		344
	<u><b>Neospora Caninum Antibody Test Kit</b></u>	
5N05.00		313
	<u><b>Neospora Caninum Antibody Test Kit</b></u>	
5N05.20	cELISA	332
	<u><b>Newcastle Disease Virus Antibody Test Kit</b></u>	
5080.00		190 313
5080.01		190 313
	<u><b>Newcastle Disease Virus Antibody Test Kit</b></u>	
5080.20	ELISA	588A
	<u><b>Pasteurella Multocida Antibody Test Kit</b></u>	
5130.01		313

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Pasteurella Multocida Antibody Test Kit</u></b>	
5130.00	Avian Isolates	313
	<b><u>Porcine Reproductive &amp; Respiratory Syndrome Virus Antibody Test Kit</u></b>	
59S5.02		313
59S5.03		313
59S5.20		313
	<b><u>Pseudorabies Virus Antibody Test Kit</u></b>	
5110.02		447
5110.03		447
	<b><u>Pseudorabies Virus gB Antibody Test Kit</u></b>	
5114.00		313
	<b><u>Pseudorabies Virus gpI Antibody Test Kit</u></b>	
5113.00		313
	<b><u>Pullorum Antigen</u></b>	
5207.02	Stained Antigen Polyvalent	344
	<b><u>Reticuloendotheliosis Virus Antibody Test Kit</u></b>	
5265.00		313
	<b><u>Salmonella Enteritidis-Typhimurium Antibody Test Kit</u></b>	
57E5.00		588A
	<b><u>Small Ruminant Lentivirus Antibody Test Kit</u></b>	
5139.20	cELISA	332
	<b><u>Swine Influenza Virus Antibody Test Kit</u></b>	
59A5.20		313
	<b><u>Swine Influenza Virus RNA Test Kit</u></b>	
59A7.80		432
59A7.81		432
	<b><u>Theileria Equi Antibody Test Kit</u></b>	
501B.20		332

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Transmissible Spongiform Encephalopathy Antigen Test Kit</u></b>	
5431.20	ELISA	624
	<b><u>Trichomonas Foetus DNA Test Kit</u></b>	
5292.80		432
	<b><u>Tuberculin</u></b>	
5301.00	Mammalian, Human Isolates, Intradermic	188
5302.00	PPD Bovis, Intradermic	188
	<b><u>West Nile Virus Antibody Test Kit</u></b>	
5996.20	ELISA	543

\*Conditional License

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Antitoxins**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Antivenom</u>	
6101.01	Crotalidae Polyvalent, Equine Origin	444A 614
	<u>Clostridium Botulinum Type B Antitoxin</u>	
6400.00	Equine Origin	360
	<u>Clostridium Perfringens Type C Antitoxin</u>	
6211.00	Equine Origin	188
	<u>Clostridium Perfringens Type D Antitoxin</u>	
6201.00	Equine Origin	188
	<u>Clostridium Perfringens Types C &amp; D Antitoxin</u>	
6221.00	Equine Origin	188
	<u>Tetanus Antitoxin</u>	
6302.00		188
	<u>Tetanus Antitoxin</u>	
6302.01	Equine Origin	188

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterin-toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Autogenous Bacterin-Bacterial Extract</u>	
2053.02		365
	<u>Bordetella Bronchiseptica-Erysipelothrix Rhusiopathiae-Pasteurella Multocida Bacterin-Toxoid</u>	
7054.01		196
	<u>Bordetella Bronchiseptica-Pasteurella Multocida Bacterin-Toxoid</u>	
7060.00		190
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</u>	
7160.00		124 190
7160.01		165A 190
7160.02		190
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D-Haemophilus Somnus Bacterin-Toxoid</u>	
7B23.00		165A
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Perfringens Types C &amp; D-Mannheimia Haemolytica Bacterin-Toxoid</u>	
7460.00		190
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Sordellii-Tetani-Perfringens Types C &amp; D Bacterin-Toxoid</u>	
7340.00		311
	<u>Clostridium Chauvoei-Septicum-Haemolyticum-Novyi-Tetani-Perfringens Types C &amp; D Bacterin-Toxoid</u>	
7280.00		311
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii Bacterin-Toxoid</u>	
7390.00		188
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D Bacterin-Toxoid</u>	
7410.00		124 190
7410.01		124 165A 190
7410.02		124 190

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterin-toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Haemophilus Somnus Bacterin-Toxoid</u>	
7423.00		124 165A 190
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Mannheimia Haemolytica Bacterin-Toxoid</u>	
7430.00		190
	<u>Clostridium Chauvoei-Septicum-Novyi-Sordellii-Perfringens Types C &amp; D-Moraxella Bovis Bacterin-Toxoid</u>	
7425.01		124
7425.03		165A
	<u>Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid</u>	
7890.00		190 196
7890.01		165A 190 196
	<u>Clostridium Perfringens Types C &amp; D Bacterin-Toxoid</u>	
7870.00		165A 190
	<u>Clostridium Perfringens Types C &amp; D-Tetani Bacterin-Toxoid</u>	
7885.00		165A
	<u>Clostridium Tetani-Perfringens Type D-Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>	
7894.00		188
	<u>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u>	
7A94.00		188
	<u>Escherichia Coli Bacterin-Toxoid</u>	
7850.00		124
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u>	
7895.01		290
	<u>Haemophilus Somnus-Mannheimia Haemolytica-Pasteurella Multocida-Salmonella Typhimurium Bacterin-Toxoid</u>	
79A5.00		290
79A5.01		290

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Bacterin-toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Mannheimia Haemolytica Bacterial Extract-Toxoid</u></b>	
7906.R0		196
	<b><u>Mannheimia Haemolytica Bacterin-Toxoid</u></b>	
7905.00		190
7905.01		290
7905.02		315
	<b><u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u></b>	
7935.01		315
7935.03		290
7935.04		315
	<b><u>Pasteurella Multocida Bacterial Extract-Mannheimia Haemolytica Toxoid</u></b>	
7945.00		124
	<b><u>Salmonella Typhimurium Bacterin-Toxoid</u></b>	
7910.00		345
7910.01		345



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u><b>Clostridium Botulinum Type B Toxoid</b></u>	
8010.00		302
	<u><b>Clostridium Perfringens Type C Toxoid</b></u>	
8101.00		188
	<u><b>Clostridium Perfringens Type D Toxoid</b></u>	
8301.00		188
	<u><b>Clostridium Perfringens Type D-Tetanus Toxoid</b></u>	
8305.00		188
	<u><b>Clostridium Perfringens Types C &amp; D Toxoid</b></u>	
8201.00		188
8201.01		124
8201.02		124
8201.03		124
	<u><b>Clostridium Perfringens Types C &amp; D-Tetanus Toxoid</b></u>	
8304.00		124 188
	<u><b>Mannheimia Haemolytica Toxoid</b></u>	
8699.00		190
8699.01		124
	<u><b>Tetanus Toxoid</b></u>	
8601.00		124 188
8601.01		165A
8601.02		190

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Miscellaneous**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
		<i>*Conditional License</i>				
	<b><u>Allergenic Extract</u></b>					
9525.00	Flea Antigen	294	359			
9521.00	House Dust	294	359			
95B1.00	Human Hair	359				
9527.00	Mixed Epidermals	294	359			
9529.00	Mixed Foods	294				
9522.03	Mixed Grasses	259	294	359		
9524.00	Mixed Inhalants	294	359			
9528.00	Mixed Insects	259	294	359		
95A1.00	Mixed Mites	359				
9523.00	Mixed Molds	294	359			
9522.01	Mixed Ragweed	294	359			
9522.02	Mixed Trees	294	359			
9522.04	Mixed Weeds	294	359			
9531.00	Prescription Product	213	294	359	403	622
	<b><u>Bm86 Immunomodulator</u></b>					
9392.R1		190*				
	<b><u>Canine Allergic Dermatitis Immunotherapeutic</u></b>					
9580.03		190				
	<b><u>Canine Atopic Dermatitis Immunotherapeutic</u></b>					
9580.02		190				
	<b><u>Canine Melanoma Vaccine</u></b>					
9240.D0	DNA	124				
	<b><u>Caprine Serum Fraction Immunomodulator</u></b>					
9360.00		188				
	<b><u>DNA Immunostimulant</u></b>					
9381.D0		213				
	<b><u>Gilvetmab</u></b>					
9790.02		165A*				

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**Miscellaneous**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<b><u>Mycobacterium Cell Wall Fraction Immunostimulant</u></b>	
9300.00		289
9300.01		289
9300.02		289
	<b><u>Prescription Product, RNA Particle</u></b>	
9PP0.02		165A*
	<b><u>Prescription Product</u></b>	
9PP0.R1	DNA	605*
9PP0.R0	Killed Baculovirus Vector	124* 474
9PP0.R2	Killed Baculovirus Vector	474*
9PP0.01	RNA Particle	165A *
	<b><u>Propionibacterium Acnes Immunostimulant</u></b>	
9350.00		302

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Autogenous Vaccine</u></b>	
A015.21	Killed Virus	597
	<b><u>Autogenous Virus</u></b>	
A015.20	Killed Virus	213 464
A015.10	Live Virus	344 415
A015.11	Live Virus	415
	<b><u>Avian Influenza Virus</u></b>	
A057.R1	H5 Subtype, Killed Baculovirus Vector	124
	<b><u>Avian Reovirus</u></b>	
A045.02	Killed Virus	368
A045.03	Killed Virus	368
A045.04	Killed Virus	368
	<b><u>Bovine Coronavirus</u></b>	
A931.26	Modified Live Virus	190
	<b><u>Bovine Parainfluenza 3 Virus</u></b>	
A841.20	Modified Live Virus	190
	<b><u>Bovine Respiratory Syncytial Virus</u></b>	
A091.20	Modified Live Virus	190
	<b><u>Bovine Rhinotracheitis Virus</u></b>	
A105.21	Killed Virus	190
A101.23	Modified Live Virus	190
	<b><u>Bovine Virus Diarrhea Virus</u></b>	
A205.20	Killed Virus	190
A205.21	Killed Virus	190
A205.23	Killed Virus	190
A205.24	Killed Virus	190
	<b><u>Bronchitis Virus</u></b>	
A235.16	Mass Type, Killed Virus	368

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Bursal Disease Virus</u></b>	<i>*Conditional License</i>
A2B9.43	Live Variant	415
A2B9.50	Live Variant	415
A271.00	Live Virus	344
A271.50	Live Virus	344 415
A2B1.4A	Live Virus	344
A3B1.02	Live Virus	415
A276.00	Standard, Killed Virus	368
A2B6.40	Variant, Killed Virus	368
A2B6.41	Variant, Killed Virus	368
A2B9.40	Variant, Live Virus	344
	<b><u>Canine Adenovirus Type 2</u></b>	
A341.21	Modified Live Virus	190
	<b><u>Canine Distemper Virus</u></b>	
A301.20	Modified Live Virus	190
	<b><u>Canine Parainfluenza Virus</u></b>	
A421.20	Modified Live Virus	190
	<b><u>Canine Parvovirus</u></b>	
A8M1.23	Modified Live Virus	190
	<b><u>Coccidiosis Vaccine</u></b>	
A431.51	Live Oocysts	368A
A431.54	Live Oocysts	368A
A431.55	Live Oocysts	368A
	<b><u>Encephalomyelitis Virus</u></b>	
A485.00	Venezuelan, Killed Virus	188
A485.25	Western, Killed Virus	124
	<b><u>Equine Influenza Vaccine</u></b>	
A505.21	Killed Virus	597
	<b><u>Equine Influenza Virus</u></b>	
A505.20	Killed Virus	597

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

For further manufacture: vaccines

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Equine Rhinopneumonitis Vaccine</u></b>	
A525.20	Killed Virus	597
	<b><u>Equine Rhinopneumonitis-Influenza Vaccine</u></b>	
A515.20	Killed Virus	597
	<b><u>Equine Rotavirus</u></b>	
AE15.22	Killed Virus	190
	<b><u>Feline Calicivirus</u></b>	
A5C1.20	Modified Live Virus	190
	<b><u>Feline Infectious Peritonitis Virus</u></b>	
A5A1.20	Modified Live Virus	190
	<b><u>Feline Leukemia Vaccine</u></b>	
A555.23	Killed Virus	190
	<b><u>Feline Leukemia Virus Antigen</u></b>	
A555.R0		317
A555.R1		317
	<b><u>Feline Panleukopenia Virus</u></b>	
A561.22	Modified Live Virus	190
	<b><u>Feline Rhinotracheitis Virus</u></b>	
A6A1.20	Modified Live Virus	190
	<b><u>Giardia Lamblia Vaccine</u></b>	
A8G5.00	Killed Protozoa	190
	<b><u>Infectious Hematopoietic Necrosis Virus Vaccine</u></b>	
A7A5.D0	DNA	196
	<b><u>Ovine Ecthyma Vaccine</u></b>	
A821.50	Modified Live Virus	393

\*Conditional License

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: vaccines**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Porcine Circovirus</u></b>	
A9K5.R3	Type 1 - Type 2 Chimera Killed Virus	190
A9K5.R2	Type 1 - Type 2 Chimera, Killed Virus	190
A9K5.R0	Type 2, Killed Baculovirus Vector	329
	<b><u>Rabies Vaccine</u></b>	
A905.21	Killed Virus	190
A901.R0	Live Vaccinia Vector	124
	<b><u>Rabies Virus</u></b>	
A905.22	Killed Virus	165A
	<b><u>West Nile Virus</u></b>	
A995.20	Killed Virus	190 597
A995.21	Killed Virus	597

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

For further manufacture: bacterins and bacterial extracts

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		*Conditional License
	<b><u>Autogenous Bacterin</u></b>	
B051.04		597
	<b><u>Autogenous Killed Culture</u></b>	
B051.00		301 464 474
	<b><u>Clostridium Chauvoei</u></b>	
B250.00	Killed Culture	124 311
	<b><u>Escherichia Coli Bacterin</u></b>	
B648.04	Killed Culture	190
	<b><u>Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona</u></b>	
B665.00	Killed Culture	213
B665.01	Killed Culture	213
	<b><u>Leptospira Canicola-Grippotyphosa-Icterohaemorrhagiae-Pomona</u></b>	
B668.00	Killed Culture	213
	<b><u>Leptospira Canicola</u></b>	
B661.00	Killed Culture	190
	<b><u>Leptospira Hardjo Bacterin</u></b>	
B6M7.01		190
	<b><u>Leptospira Icterohaemorrhagiae</u></b>	
B66A.00	Killed Culture	190
	<b><u>Moraxella Bovis Bacterin</u></b>	
B772.00		355
	<b><u>Moraxella Bovis</u></b>	
B772.01	Killed Culture	355
	<b><u>Mycoplasma Hyopneumoniae Bacterin</u></b>	
B775.00		329
B775.03		190



**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: bacterins and bacterial extracts**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u><b>Mycoplasma Hyopneumoniae</b></u>	
B775.01	Killed Culture	190
	<u><b>Salmonella Enteritidis</b></u>	
B785.00	Killed Culture	368

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: antibody products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Bursal Disease Antibody</u>	
C205.00	Chicken Origin	190 344
	<u>Canine Atopic Dermatitis Monoclonal Antibody</u>	
C580.00		190

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

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

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Autogenous Vaccine-Autogenous Bacterin</u></b>	
D500.21	Killed Virus	597
	<b><u>Autogenous Virus-Autogenous Killed Culture</u></b>	
D500.20	Killed Virus	464
	<b><u>Encephalomyelitis Vaccine-Tetanus Toxoid</u></b>	
D865.25	Eastern & Western & Venezuelan, Killed Virus	597
D865.22	Eastern & Western, Killed Virus	597
	<b><u>Encephalomyelitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
D6W5.23	Eastern & Western, Killed Virus	597
	<b><u>Encephalomyelitis-Rhinopneumonitis-Influenza Vaccine-Tetanus Toxoid</u></b>	
D847.20	Eastern & Western & Venezuelan, Killed Virus	597
D845.20	Eastern & Western, Killed Virus	597
D845.21	Eastern & Western, Killed Virus	597
	<b><u>Encephalomyelitis-Rhinopneumonitis-Influenza-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
D855.20	Eastern & Western & Venezuelan, Killed Virus	597
D855.21	Eastern & Western & Venezuelan, Killed Virus	597
D855.22	Eastern & Western, Killed Virus	597
D855.24	Eastern & Western, Killed Virus	597
	<b><u>Encephalomyelitis-West Nile Virus Vaccine-Tetanus Toxoid</u></b>	
D8W5.20	Eastern & Western & Venezuelan, Killed Virus	597
D8W5.21	Eastern & Western, Killed Virus	597
	<b><u>Porcine Circovirus Vaccine- Mycoplasma Hyopneumoniae Bacterin</u></b>	
D9K5.R0	Type 2, Killed Baculovirus Vector	329

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: diagnostic products**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
		<i>*Conditional License</i>
	<u>Canine Parvovirus Antigen Test Kit</u>	
E024.03		313 607
	<u>Giardia Antigen Test Kit</u>	
EG05.50		313 607

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: antitoxins**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>Tetanus Antitoxin</u>	
F302.00	Equine Origin	188

\*Conditional License

**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: bacterin-toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<b><u>Clostridium Chauvoei</u></b>	
GA30.00	Killed Culture	190
	<b><u>Clostridium Novyi</u></b>	
G680.00	Killed Culture	190 311
	<b><u>Clostridium Perfringens Type C</u></b>	
G800.00	Killed Culture	190
	<b><u>Clostridium Perfringens Type D</u></b>	
G840.00	Killed Culture	190
	<b><u>Clostridium Septicum</u></b>	
GB90.00	Killed Culture	190
	<b><u>Clostridium Sordellii</u></b>	
GC90.00	Killed Culture	190
	<b><u>Corynebacterium Pseudotuberculosis Bacterin-Toxoid</u></b>	
GA94.00		597
	<b><u>Mannheimia Haemolytica Bacterin-Toxoid</u></b>	
G905.00		190
	<b><u>Mannheimia Haemolytica-Pasteurella Multocida Bacterin-Toxoid</u></b>	
G935.01		315

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**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: toxoids**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u><b>Clostridium Perfringens Type C Toxoid</b></u>	
H101.00		311
	<u><b>Clostridium Perfringens Type D Toxoid</b></u>	
H301.01		311
	<u><b>Clostridium Septicum Toxoid</b></u>	
H340.00		311
H340.01		311
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H360.00		311
	<u><b>Tetanus Toxoid</b></u>	
H601.01	Killed Culture	124

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**LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS**

**For further manufacture: miscellaneous**

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u><b>Bm86 Immunomodulator</b></u>	
I392.R0		<i>190G</i>
	<u><b>DNA Immunostimulant</b></u>	
I381.D1		<i>213A</i>



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