

# National Veterinary Services Laboratories

## Reagent Manual

Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>African Swine Fever (ASFV) Cell Culture Supernatant</b>	ASF-SUP	1.8 mL	Varies	Yes	\$143.00	ASFV Cell Culture Supernatant for Molecular Assay Testing/Development. Vero adapted ASFV strain Lisbon 60 was inactivated by gamma irradiation. For experimental use.
<b>African Swine Fever (ASFV) Whole Blood Panel</b>	ASF-PNL	1.5 mL	Varies	Yes	\$774.00	ASFV whole blood panel for Molecular Assay Testing/Development. Vero adapted ASFV strain Lisbon 60 was serially diluted in negative swine blood to create a panel of 10 samples. ASFV was inactivated by gamma irradiation. For experimental use.
<b>Anaplasma marginale enzyme-linked immunosorbent assay (ELISA) proficiency test</b>	ANP-CHK	Varies	Varies	Yes	\$774.00	A panel of serum samples is used to monitor proficiency of laboratory personnel.
<b>Anaplasma marginale stabilate, Virginia strain</b>	141-STB	4.5 mL	1	Yes	\$404.00	Virginia strain, stabilate is used to initiate infection in donor animals
<b>Anaplasma ovis stabilate ovine origin, Idaho strain</b>	141-SOV	4.5 mL	1	Yes	\$404.00	Idaho strain - stabilate is used to initiate infection in donor animals
<b>Anaplasmosis card test, complement fixation (CF), and competitive enzyme-linked immunosorbent assay (cELISA) negative control serum</b>	146-N	1.0 mL	35	Yes	\$43.00	Reference control serum for the Anaplasmosis card test, CF, and cELISA
<b>Anaplasmosis competitive enzyme-linked immunosorbent assay (cELISA) high positive control serum</b>	149-H	1.0 mL		Yes	\$146.00	Reference control serum for the Anaplasmosis cELISA

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Anaplasmosis competitive enzyme-linked immunoabsorbent assay (cELISA) medium positive control serum	149-M	1.0 mL	400	Yes	\$146.00	Reference control serum for the Anaplasmosis cELISA
Anaplasmosis competitive enzyme-linked immunoabsorbent assay (cELISA) negative control serum	149-N	1.0 mL		Yes	\$43.00	Reference control serum for the Anaplasmosis cELISA
Anaplasmosis competitive enzyme-linked immunoabsorbent assay (cELISA) positive control serum	149-L	2.0 mL		Yes	\$292.00	Reference control serum for the Anaplasmosis cELISA
Anaplasmosis complement fixation (CF) test positive control serum	142-L	1.0 mL	30	Yes	\$146.00	Reference control antiserum for the complement fixation (CF) test
Anaplasmosis complement fixation (CF) test positive control serum	142-H	1.0 mL	30	Yes	\$146.00	Reference control antiserum for the complement fixation (CF) test
Anaplasmosis complement fixation (CF) test positive control serum	142-M	1.0 mL	30	Yes	\$146.00	Reference control antiserum for the complement fixation (CF) test
Avian adenovirus group III (aka Adenovirus 127, Egg Drop Syndrome 1976, Duck Adenovirus - DAdV-1)	004-ADV	0.6 mL		Yes	\$70.00	DAdV-1/chicken/PA/20-005074/2020 Duck Adenovirus 1 (DAdV-1; aka Egg drop 76, adenovirus 127, duck adenovirus)
Avian adenovirus group III (aka Adenovirus 127, Egg Drop Syndrome 1976, Duck Adenovirus)	001-ADV	0.6 mL		Yes	\$70.00	Avian adenovirus -127 (Egg drop syndrome-76) Adenovirus Group III
Avian adenovirus group III (aka Adenovirus 127, Egg Drop Syndrome 1976, Duck Adenovirus) antigen	012-ADV	2.0 mL	Varies	Yes	\$140.00	Use in the hemagglutination-inhibition (HI) test to detect antibodies to adenovirus 127, propagated in duck embryo fibroblast cells (heat-inactivated)
Avian adenovirus group III (aka Adenovirus 127, Egg Drop Syndrome 1976, Duck Adenovirus) antiserum	301-ADV	2.0 mL	Varies	Yes	\$135.00	Use as a positive control serum in the Adenovirus 127 hemagglutination-inhibition (HI) test, prepared in chickens
Avian encephalomyelitis (AE) virus	020-ADV	0.6 mL	1	Yes	\$70.00	Embryo-derived virus propagated in chick embryos

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Avian Influenza (AI) H5 Mexican RNA	211-ADV	0.05 mL		*	\$108.00	Positive Amplification Control (PAC) for Type A influenza H5 rRT-PCR Assay. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.
Avian influenza (AI) H5 transcribed RNA	202-ADV	0.05 mL	Varies	*	\$108.00	Positive control for AIV H5 subtyping RRT-PCR. Transcribed RNA was prepared with PAMP1 plasmid containing the H5 gene of Avian/NY/31588-3/00. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.
Avian influenza (AI) H5N1 serum	AI-SER	0.5 mL	Varies	Yes	\$36.00	Avian Influenza H5N1 serum obtained from experimentally infected cattle or swine. Serum contains antibodies specific to H5N1. Please contact 515-337-7317 to obtain a list of available serum.
Avian influenza (AI) H7 Eurasian RNA	210-ADV	0.05 mL	Varies	*	\$108.00	Avian Influenza (AI) Eurasian H7 & rRT_PCR Positive Control. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.
Avian influenza (AI) H7 transcribed RNA	201-ADV	0.05 mL	Varies	*	\$108.00	Positive control for AIV H7 subtyping RRT-PCR. Transcribed RNA was prepared with PAMP1 plasmid containing the H7 gene of CK/NJ/30749-3/00. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.
Avian influenza (AI) matrix transcribed RNA	203-ADV	0.05 mL	Varies	*	\$108.00	Positive control for AIV matrix RRT-PCR. Transcribed RNA was prepared with PAMP1 plasmid containing the matrix gene of CK/PA/13522-1/98. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.

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<b>Avian influenza (AI) RRT PCR extraction control</b>	206-ADV	5.0 mL	10	*	\$350.00	Extraction control for the AI matrix rRT-PCR assay. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions. NOTE: replaces 204-ADV which has been discontinued.
<b>Avian influenza / Newcastle disease virus rRT-PCR negative extraction control</b>	209-ADV	5.0 mL	25	*	\$350.00	Normal amnio-allantoic fluid in tris-buffered tryptose broth used as a negative extraction control for the AI matrix and APMV-1 matrix rRT-PCR assays. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.
<b>Avian influenza antibody proficiency panel (AGID and ELISA)</b>	AI-CHK	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov.
<b>Avian influenza immunodiffusion (AIID) negative reference serum</b>	905-EXP	0.6 mL	12	Yes	\$25.80	Use as a negative reference serum in the AIID test for export purposes
<b>Avian influenza immunodiffusion (AIID) negative reference serum</b>	905-ADV	0.6 mL	12	*	\$25.80	Use as a negative reference serum in the AIID test for program/surveillance testing
<b>Avian influenza immunodiffusion (AIID) strong positive reference serum</b>	902-ADV	0.6 mL	12	*	\$24.20	Use as a positive reference serum in the AIID test for program/surveillance testing
<b>Avian influenza immunodiffusion (AIID) strong positive reference serum</b>	902-EXP	0.6 mL	12	Yes	\$24.20	Use as a positive reference serum in the AIID test for export purposes
<b>Avian influenza immunodiffusion (AIID) weak positive reference serum</b>	903-EXP	0.6 mL	12	Yes	\$24.20	Use as a weak positive reference serum in the AIID test for export purposes
<b>Avian influenza immunodiffusion (AIID) weak positive reference serum</b>	903-ADV	0.6 mL	12	*	\$24.20	Use as a weak positive reference serum in the AIID test for program/surveillance testing

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Avian influenza proficiency panel for PCR</b>	AI-PCR	1.0 mL	N/A	Yes	\$774.00	Panel of inactivated antigen used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov. Previously known as AI-RRT effective 8/20/25.
<b>Avian influenza virus immunodiffusion (AIID) antigen</b>	300	2.0 mL	120	*	\$76.00	Use to detect group-specific antibodies to type A influenza viruses--must be ordered and used in matched sets (same lot numbers) with AIID antiserum 305
<b>Avian influenza virus immunodiffusion (AIID) antigen (export version)</b>	300-EXP	2.0 mL	120	Yes	\$76.00	Use to detect group-specific antibodies to type A influenza viruses for export purposes--must be ordered and used in matched sets (same lot numbers) with AIID antiserum 305-EXP
<b>Avian influenza virus immunodiffusion (AIID) antiserum</b>	305	6.0 mL	120	*	\$242.00	Use as a positive control serum with AIID antigen--must be ordered and used in matched sets (same lot numbers) with AIID antigen 300
<b>Avian influenza virus immunodiffusion (AIID) antiserum (export version)</b>	305-EXP	6.0 mL	120	Yes	\$242.00	Use as a positive control serum with AIID antigen for export purposes--must be ordered and used in matched sets (same lot numbers) with AIID antigen 300-EXP
<b>Avian metapneumovirus panel – subtypes A, B, C</b>	AMP-ADV	0.6 mL		Yes	\$1,935.00	Panel contains one vial each of avian metapneumovirus subtype A (UK strain), subtype B (Hungary strain), and subtype C (Colorado strain).
<b>Avian paramyxovirus serotype 10 antiserum</b>	486-ADV	2.0 mL		Yes	\$135.00	APMV-10 Penguin/Falkland Island/08-000600/2008, antiserum
<b>Avian paramyxovirus type 1 rRT-PCR extraction control</b>	207-ADV	5.0 mL	10	*	\$350.00	Extraction control for the APMV-1 matrix rRT-PCR assay. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.

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Avian paramyxovirus type 2 antigen	071-ADV	2.0 mL	Varies	Yes	\$140.00	Use in the hemagglutination and hemagglutination-inhibition (HI) test. Beta-propiolactone inactivated (P/Ck/CA/Yucaipa/56 strain)
Avian paramyxovirus type 2 antiserum	471-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against P/Ck/CA/Yucaipa/56 strain
Avian paramyxovirus type 3 antigen	073-ADV	2.0 mL	Varies	Yes	\$140.00	Use in the hemagglutination and hemagglutination-inhibition (HI) test. Beta-propiolactone inactivated (P/Turkey/Wisconsin/68 strain)
Avian paramyxovirus type 3 antiserum	473-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against P/Turkey/Wisconsin/68 strain
Avian paramyxovirus type 4 antigen	144-ADV	2.0 mL	Varies	Yes	\$140.00	Use in the hemagglutination and hemagglutination-inhibition (HI) test. Beta-propiolactone inactivated (DK/H.K./D3/75 strain)
Avian paramyxovirus type 6 antigen	146-ADV	2.0 mL	Varies	Yes	\$140.00	Use in the hemagglutination and hemagglutination-inhibition (HI) test. Beta-propiolactone inactivated (DK/H.K./199/75 strain)
Avian paramyxovirus type 7 antigen	147-ADV	2.0 mL	Varies	Yes	\$140.00	Use in the hemagglutination and hemagglutination-inhibition (HI) test. Beta-propiolactone inactivated (Dove/TN/4/75 strain)
Avian paramyxovirus type 8 antigen	148-ADV	2.0 mL	N/A	Yes	\$140.00	APMV-8, Goose/DE/1053/76, beta-propiolactone inactivated
Avian paramyxovirus type 8 antiserum	483-ADV	2.0 mL	N/A	Yes	\$135.00	Antiserum, APMV-8, Goose/DE/1053/76
Avian paramyxovirus type 9 antigen	149-ADV	2.0 mL	N/A	Yes	\$140.00	APMV-9, DK/NY/22/78, beta-propiolactone inactivated
Avian reovirus	080-ADV	0.6 mL	1	Yes	\$70.00	Cell culture virus (Fahey-Crawley strain) propagated in chicken embryo kidney cells
Avian reovirus antiserum	380-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against Fahey-Crawley strain

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<b>Avian reovirus fluorescent antibody (FA) conjugate</b>	680-ADV	1.0 mL	Varies	Yes	\$167.00	Use to detect avian reovirus antigen in infected cell cultures or tissues by FA techniques (Fahey-Crawley strain)
<b>Babesia caballi ELISA and western blot positive control sera</b>	77-ELW	1.0 mL		Yes	\$334.00	Babesia caballi ELISA and western blot positive control sera
<b>Babesia caballi positive control serum (high titer)</b>	77-H	1.0 mL	40	Yes	\$334.00	High titer positive control serum used in serologic tests to detect antibodies to babesia caballi
<b>Babesia caballi positive control serum (low titer)</b>	77-L	1.0 mL	40	Yes	\$334.00	Low titer positive control serum used in serologic tests to detect antibodies to babesia caballi
<b>Bacillus anthracis Gamma phage</b>	BAN-001	1.0 mL		Yes	\$178.75	Gamma bacteriophage for diagnosis of Bacillus anthracis
<b>Bacteriology Internal Quality Assurance Survey Kit</b>	CHK-CUL	N/A	N/A	Yes	\$387.00	Internal Bacteriology Quality Assurance Survey
<b>Bluetongue antibody negative OIE reference serum</b>	906-ODV	2.0 mL	Varies	Yes	\$280.00	Bovine origin, Enzyme-linked immunosorbent assay (ELISA) control serum (OIE). Agar gel immunodiffusion (AGID) control serum (OIE). Available for international shipments only.
<b>Bluetongue antibody proficiency panel (AGID and ELISA)</b>	BT-CHK	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel. Required for laboratories seeking to test live animals in the US for export to certain countries; for questions NVSL.DVL.Teamleads@usda.gov.
<b>Bluetongue negative serum</b>	901-ODV	2.0 mL		Yes	\$86.00	Bluetongue negative antiserum
<b>Bluetongue virus (OIE) strong positive reference serum (ELISA, AGID) - International orders only</b>	904-ODV	2.0 mL	Varies	Yes	\$280.00	Bovine origin, Enzyme-linked immunosorbent assay (ELISA) control serum (OIE). Agar gel immunodiffusion (AGID) control serum (OIE). Available for international shipments only.

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<b>Bluetongue virus (OIE) weak positive reference serum (ELISA, AGID) - International orders only</b>	905-ODV	2.0 mL	Varies	Yes	\$280.00	Bovine origin, Enzyme-linked immunosorbent assay (ELISA) control serum (OIE). Agar gel immunodiffusion (AGID) control serum (OIE). Available for international shipments only.
<b>Bovine leukosis antibody proficiency panel (AGID and ELISA)</b>	BLV-CHK	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel. Required for laboratories seeking to test live animals in the US for export to certain countries; for questions NVSL.DVL.Teamleads@usda.gov.
<b>Bovine papular stomatitis virus</b>	080-BDV	0.6 mL	1	Yes	\$70.00	Field isolate--Texas A&M, 1976
<b>Bovine respiratory syncytial virus fluorescent antibody conjugate</b>	710-BDV	1.0 mL	Varies	Yes	\$167.00	Bovine source
<b>Bovine rotavirus fluorescent antibody conjugate</b>	730-BDV	1.0 mL	Varies	Yes	\$167.00	Bovine source
<b>Brucella abortus control serum</b>	12-	1.0 mL		Yes	\$146.00	Control used for Brucellosis serological tests. See <a href="http://www.aphis.usda.gov/animal_health/lab_info_services/downloads/BrucellaAbortusControlSerum.pdf">www.aphis.usda.gov/animal_health/lab_info_services/downloads/BrucellaAbortusControlSerum.pdf</a> for a current list of positive and negative control samples.
<b>Brucella abortus control serum - Brucella abortus complement fixation (CF) high positive control serum</b>	12H-CDC	2.0 mL	Varies	Yes	\$292.00	Serum is used in the Brucella abortus complement fixation (CF) test to monitor the functioning of test systems. For use by the Centers for Disease Control.
<b>Brucella abortus control serum - Brucella abortus complement fixation (CF) high positive control serum</b>	12-H	2.0 mL	Varies	*	\$292.00	Serum is used in the Brucella abortus complement fixation (CF) test to monitor the functioning of test systems
<b>Brucella abortus control serum - Brucella abortus complement fixation (CF) low positive control serum</b>	12-L	2.0 mL	Varies	*	\$292.00	Serum is used in the Brucella abortus complement fixation (CF) test to monitor the functioning of test systems

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<b>Brucella abortus control serum - Brucella abortus complement fixation (CF) low positive control serum</b>	12L-CDC	2.0 mL	Varies	Yes	\$292.00	Serum is used in the Brucella abortus complement fixation (CF) test to monitor the functioning of test systems. For use by the Centers for Disease Control.
<b>Brucella abortus control serum - Brucella abortus complement fixation (CF) negative control serum</b>	12N-CDC	2.0 mL	Varies	Yes	\$86.00	Serum is used in the Brucella abortus complement fixation (CF) test to monitor the functioning of test systems. For use by the Centers for Disease Control.
<b>Brucella abortus control serum - Brucella abortus complement fixation (CF) negative control serum</b>	12-N	2.0 mL	Varies	*	\$86.00	Serum is used in the Brucella abortus complement fixation (CF) test to monitor the functioning of test systems
<b>Brucella abortus RB51</b>	19	N/A	N/A	Yes	\$645.00	Culture used for the production of Brucella abortus RB51 vaccine
<b>Brucella antigen - Brucella abortus card test antigen, buffered Brucella antigen (BBA), or Rose Bengal (RB) antigen</b>	10-S	60.0 mL	2000	*	\$350.00	Antigen is used in the card test
<b>Brucella antigen - Brucella abortus card test antigen, buffered Brucella antigen--(BBA), or Rose Bengal (RB) antigen</b>	150-AMP	18.0 mL	500	*	\$100.20	Antigen is used with the brucellosis card test kit (150-KIT)
<b>Brucella antigen - Brucella abortus complement fixation (CF) test antigen and standard tube test (STT) antigen</b>	3	60.0 mL	1500	*	\$350.00	Antigen used for the Brucella standard tube test (STT) and complement fixation (CF) test
<b>Brucella antigen - Brucella abortus ring test antigen (BRT)</b>	5-30	30.0 mL	250	*	\$264.00	Antigen used in the Brucellosis milk ring test
<b>Brucella antigen - Brucella abortus ring test antigen (BRT) (HIRT)</b>	5	60.0 mL	500	*	\$527.00	Antigen used in the Brucellosis milk ring test

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<b>Brucella antigen - Brucella abortus standard plate antigen (SPT)</b>	1	60.0 mL	500	*	\$350.00	Antigen used in the standard plate test (SPT)
<b>Brucella antigen - Brucella abortus tube antigen</b>	3-CDC	3.0 mL		Yes	\$16.70	Antigen is also used for the Brucella tube test complement fixation (CF) test. For use by the Centers for Disease Control.
<b>Brucella antigen - Brucella canis 2-ME tube agglutination antigen</b>	17	25.0 mL	500	Yes	\$264.00	Antigen used for the Brucella canis 2-Mercaptoethanol (ME) tube agglutination test
<b>Brucella antigen – Brucella ovis enzyme-linked immunosorbent assay (ELISA) antigen</b>	9-ELA	2.0 mL	Varies	Yes	\$167.00	Antigen used in the Brucella ovis enzyme-linked immunosorbent assay (ELISA)
<b>Brucella antigen - Brucellosis card test kit without antigen</b>	150-KIT	500	500	*	\$248.00	Kit contains cards, capillary tubes, stirrers, & antigen droppers, use 150-KIT with card test antigen (150-AMP). Only small quantities for research & investigational studies are shipped from the NVSL. Eradication program needs are met through warehouse requests.
<b>Brucella antigen - buffered Brucella antigen</b>	10-G	60.0 mL	2000	*	\$334.00	3% cell concentration for testing small ruminants on the brucella card test
<b>Brucella antigen - buffered Brucella antigen</b>	10-G10	10.0 mL	330	*	\$55.67	Buffered Brucella (BBA) and rapid automated presumptive (RAP) antigen - 3% cell concentration for testing small ruminants on the brucella card test
<b>Brucella antigen - buffered Brucella plate antigen (BAPA test)</b>	2	60.0 mL	200	*	\$404.00	Antigen used in the buffered Brucella acidified plate antigen (BAPA test)
<b>Brucella control serum - Brucella canis high titer positive control serum</b>	212-H	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Brucella canis 2-ME tube agglutination test to monitor the functioning of the test system
<b>Brucella control serum - Brucella canis negative control serum</b>	212-N	1.0 mL	Varies	Yes	\$43.00	Serum is used in the Brucella canis 2-ME tube agglutination test to monitor the functioning of the test system

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<b>Brucella control serum - Brucella ovis enzyme-linked immunosorbent assay (ELISA) high positive control serum</b>	9-HP	1.0 mL	Varies	Yes	\$146.00	Serum is used as a high positive control in the Brucella ovis enzyme-linked immunosorbent assay (ELISA) test to monitor the functioning of the test system
<b>Brucella control serum - Brucella ovis enzyme-linked immunosorbent assay (ELISA) low positive control</b>	9-LP	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Brucella ovis enzyme-linked immunosorbent assay (ELISA) to monitor the functioning of test systems
<b>Brucella control serum - Brucella ovis enzyme-linked immunosorbent assay (ELISA) negative control serum</b>	9-N	1.0 mL	Varies	Yes	\$43.00	Serum is used as a negative control in the Brucella ovis enzyme-linked immunosorbent assay (ELISA) test to monitor the functioning of the test system
<b>Brucella control serum - Brucella ovis hill's complement fixation (CF) high positive control serum</b>	412-H	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Brucella ovis complement fixation (CF) test to monitor the functioning of test systems.
<b>Brucella control serum - Brucella ovis hill's complement fixation (CF) low positive control serum</b>	412-L	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Brucella ovis complement fixation (CF) test to monitor the functioning of test systems (4+10).
<b>Brucella control serum - Brucella ovis hill's complement fixation (CF) medium positive control serum</b>	412-M	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Brucella ovis complement fixation (CF) test to monitor the functioning of test systems (4 + 20).
<b>Brucella control serum - Brucella ovis hill's complement fixation (CF) negative control serum</b>	412-N	1.0 mL	250	Yes	\$43.00	Serum is used in the Brucella ovis complement fixation (CF) test to monitor the functioning of test systems.
<b>Brucella control serum - Brucella suis positive control serum</b>	712	1.0 mL	Varies	Yes	\$146.00	Serum is used to monitor the functioning of test systems when using Brucella abortus serologic tests to diagnose swine brucellosis.
<b>Brucella control serum - Brucella suis, negative control serum</b>	712-N	1.0 mL	Varies	Yes	\$43.00	Swine brucellosis negative control serum
<b>Brucella culture - Brucella abortus strain 1119-3 original seed</b>	16	1.0 mL	N/A	Yes	\$645.00	Culture used for the production of Brucella abortus antigens

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Brucella culture - Brucella abortus strain 19 original seed</b>	15	1.0 mL	N/A	Yes	\$645.00	Culture used for the production of Brucella abortus strain 19 vaccine
<b>Brucella isolate - multiple species available</b>	BRU-NS	1.0 mL	N/A	Yes	\$645.00	Brucella isolates, various species available. Sent as live cultures in glycerol. Call (515) 337-7526 for availability
<b>Brucella killed cells suspended in saline or phenol saline</b>	18	5.0 mL	N/A	Yes	\$41.00	B. abortus Strain 1119-3, Brucella killed cells suspended in saline or phenol saline
<b>Brucella phage Fi</b>	BP-FI	1.0 mL	N/A	Yes	\$645.00	Host strain = B. abortus strain 19
<b>Brucella phage R/C</b>	BP-RC	1.0 mL	N/A	Yes	\$645.00	Host strain = B. canis strain RM6/66
<b>Brucella phage tbilisi</b>	BP-TB	1.0 mL	N/A	Yes	\$645.00	Also known as TB, host strains = B. abortus strains 544 and 19, ATCC 23448-B1
<b>Brucella phage Wb</b>	BP-WB	1.0 mL	N/A	Yes	\$645.00	Host strains = B. abortus strain 19 and B. suis strain 1330
<b>Brucella proficiency test - Brucella abortus check test serum</b>	512	Varies	Varies	*	\$774.00	A panel of serum samples is used to monitor proficiency of laboratory personnel conducting serologic tests. Check tests are only distributed for official proficiency test purposes.
<b>Brucella species cells, non-viable</b>	BRU-NV	Varies	N/A	Yes	\$143.00	Brucella species cells, non-viable. Various species available. Call (515) 337-7526 for availability
<b>Brucella species DNA</b>	BRU-DNA	Varies	N/A	Yes	\$178.75	Brucella species DNA. Various species available. Call (515) 337-7526 for availability
<b>Brucellosis card test replacement cards</b>	150-CRD	50/package	500	*	\$43.00	Replacement cards
<b>Canine influenza virus H3N2</b>	004-IDV	0.6 mL	N/A	Yes	\$645.00	A/canine/Illinois/12191/2015(H3N2)
<b>Cell line - Bovine turbinate primary cells</b>	016-TDV	3.0 mL	N/A	Yes	\$683.00	
<b>Cell line - Dog kidney primary (DKP)</b>	005-TDV	3.0 mL	N/A	Yes	\$683.00	

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Cell line - Embryonic bovine kidney primary (EBK)	008-TDV	3.0 mL	N/A	Yes	\$683.00	Low passage from primary
Cell line - Embryonic bovine lung primary (EBL)	002-TDV	3.0 mL	N/A	Yes	\$683.00	
Cell line - Embryonic equine kidney primary (EEK)	014-TDV	3.0 mL	N/A	Yes	\$683.00	
Cell line - Equine dermis primary (EQDER)	003-TDV	3.0 mL	N/A	Yes	\$683.00	
Cell line - Kitten kidney primary (KKP)	010-TDV	3.0 mL	N/A	Yes	\$683.00	
Cell line - Porcine kidney (Circovirus Free) PK-15N	006-TDV	3.0 mL	N/A	Yes	\$683.00	
Cell line - Rabbit kidney, clone 13 - BVD free	004-TDV	3.0 mL	N/A	Yes	\$683.00	RK-13B, BVD free cells 1 frozen ampule at a time
Cell line - SV-40 Hamster kidney (SV40)	012-TDV	3.0 mL	N/A	Yes	\$683.00	SV-40 virus transformed hamster kidney (SV40)
Cell line - Swine kidney primary (SKP)	013-TDV	3.0 mL	N/A	Yes	\$683.00	
Chronic wasting disease immunohistochemistry control block	CWS-CB			*	N/A	Positive chronic wasting disease and/or scrapie brain and lymph tissue and Not Detected brain in a paraffin block, used for IHC scrapie and CWD controls, includes a stained slide; appropriate permit(s) required.
Classical Swine Fever (CSF) serum panels	CSF-POS	1.0 mL	Varies	Yes	\$726.00	Panel consists of sera obtained from 6 CSFV C strain vaccinated swine with a positive antibody response to the CSF ELISA. Contact 515-337-7317 for more information.
Classical Swine Fever (CSF) serum panels	CSF-NEG	1.0 mL	Varies	Yes	\$602.00	Panel consists of sera obtained from 14 swine with no antibody responses to CSF. Contact 515-337-7317 for more information.

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<b>Contagious equine metritis (CEM) Amies transport medium with charcoal</b>	CEM-001	1 swab	1	Yes	\$1.25	For transportation of equine swabs to NVSL for CEM culture. Must be refrigerated during shipment.
<b>Contagious equine metritis (CEM) high titer control serum</b>	79-H	5.0 mL	N/A	Yes	\$730.00	CEM high positive control serum
<b>Contagious equine metritis (CEM) plates - Eugon Agar w/10% chocolate horse blood</b>	CEM-332			Yes		Available commercially. Contact laboratory with questions (515) 337-7526.
<b>Contagious equine metritis (CEM) plates - Selective inhibitors/modified Timoney Shin</b>	CEM-331			Yes		Available commercially. Contact laboratory with questions (515) 337-7526.
<b>Contagious equine metritis (CEM) proficiency test panel</b>	CEM-CHK	N/A	N/A	Yes	\$774.00	Proficiency test for Contagious Equine Metritis (CEM). Conducted yearly, contact laboratory at (515) 337-7526.
<b>Contagious equine metritis (CEM) small tipped swabs - includes Amies transport media</b>	CEM-002	1 swab	1	Yes	\$1.25	For transportation of equine swabs to NVSL for CEM culture. Inoculated swabs must be refrigerated during shipment.
<b>Contagious equine metritis (CEM) uterine swab - includes Amies transport media</b>	CEM-003	1 swab	1	Yes	\$6.25	For transportation of equine swabs to NVSL for CEM culture. Inoculated swabs must be refrigerated during shipment.
<b>Dourine (Trypanosoma equiperdum) complement fixation test (CF) antigen</b>	160	1.0 mL	50	Yes	\$597.00	Antigen is used in the complement fixation (CF) test for detection of antibodies to Trypanosoma equiperdum.
<b>Dourine low positive control serum</b>	161-L	1.0 mL	40	Yes	\$334.00	Low titer positive control serum (titer to 1:20) used in serologic tests to detect antibodies to Trypanosoma equiperdum
<b>Dourine positive control serum</b>	161-H	1.0 mL	40	Yes	\$334.00	High titer positive control serum used in serologic tests to detect antibodies to Trypanosoma equiperdum

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Duck viral enteritis (DVE) fluorescent antibody (FA) conjugate	631-ADV	1.0 mL	Varies	Yes	\$167.00	Use to detect DVE viral antigen in infected cells or tissues by FA techniques (Holland B vaccine strain)
Eperythrozoon wenyoni agar gel immunodiffusion (AGID) enhancement serum	402-M	1.0 mL	30	Yes	\$1,194.00	Enhancement serum for use in the agar gel immunodiffusion (AGID) test for Eperythrozoon wenyoni detection
Eperythrozoon wenyoni complement fixation (CF) test antigen	400-CF	2.0 mL	20	Yes	\$2,388.00	Antigen used in the complement fixation (CF) test to detect antibodies to Eperythrozoon wenyoni
Eperythrozoon wenyoni complement fixation (CF) test high titer serum	402-H	1.0 mL	40	Yes	\$334.00	High titer positive control used in serologic tests to detect antibodies to Eperythrozoon wenyoni
Eperythrozoon wenyoni complement fixation (CF) test low titer serum	402-L	1.0 mL	40	Yes	\$334.00	Low titer positive control used in serologic tests to detect antibodies to Eperythrozoon wenyoni
Epizootic Hemorrhagic Disease (EHD) agar gel immunodiffusion (AGID) antiserum - EHDV Serotype 2	345-ODV	3.0 mL	60	Yes	\$420.00	Use as a positive control serum with Epizootic Hemorrhagic Disease (EHD) AGID virus-must be ordered and used in matched sets (same lot numbers) with virus 045-ODV
Epizootic Hemorrhagic Disease (EHD) agar gel immunodiffusion (AGID) virus - EHDV Serotype 2	045-ODV	1.0 mL	60	Yes	\$116.67	Use to detect antibodies to Epizootic Hemorrhagic Disease (EHD) by the AGID test-must be ordered and used in matched sets (same lot numbers) with antiserum 345-ODV
Epizootic Hemorrhagic Disease (EHD) negative reference serum	145-ODV	2.0	Varies	Yes	\$86.00	Agar gel immunodiffusion control negative serum - bovine origin
Epizootic Hemorrhagic Disease (EHD) weak positive reference serum	945-ODV	2.0 mL	Varies	Yes	\$103.00	Agar gel immunodiffusion control serum - bovine origin
Equine infectious anemia (EIA) antibody proficiency panel (AGID and ELISA)	EIA-CHK	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.Coggins@usda.gov.
Equine infectious anemia (EIA) negative serum	905-EDV	2.0 mL	Varies	Yes	\$86.00	Control for the agar gel immunodiffusion (AGID) test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Equine infectious anemia (EIA) strong positive serum</b>	902-EDV	2.0 mL	Varies	Yes	\$103.00	Control for the agar gel immunodiffusion (AGID) test
<b>Equine infectious anemia (EIA) weak positive serum</b>	903-EDV	2.0 mL	Varies	Yes	\$103.00	Control for the agar gel immunodiffusion (AGID) test. Only 5 vials will be approved per order.
<b>Equine negative serum - piroplasmosis, dourine, and glanders</b>	76-N	1.0 mL	40	Yes	\$43.00	Equine serum negative for antibodies to B. equi, B. caballi, T. equiperdum, and B. (Pseudomonas) mallei. Serum is used as negative control in the serologic tests for equine piroplasmosis, dourine and glanders
<b>Equine piroplasmosis cELISA proficiency test</b>	PIR-CHK	N/A	N/A	Yes	\$774.00	Equine piroplasmosis cELISA Proficiency Test. This proficiency test is available only to laboratories currently approved or in the approval process to perform the cELISA for Equine Piroplasmosis.
<b>Equine viral arteritis (EVA) antibody proficiency panel (virus neutralization)</b>	EVA-CHK	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel. Required for laboratories seeking to test live animals in the US for export to certain countries; for questions NVSL.DVL.Teamleads@usda.gov.
<b>Flazo orange counterstain</b>	29	3.0 mL	Varies	Yes	\$29.00	Counterstain to quench background fluorescence in fluorescent antibody testing
<b>Fowl pox antiserum</b>	461-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against challenge virus FP 73-1. This reagent is no longer being produced; limited availability
<b>Glanders complement fixation (CF) test antigen</b>	165	2.0 mL	50	Yes	\$350.00	Antigen is used in the CF test for detecting antibodies to Burkholderia mallei. This reagent is no longer being produced. The expiration date for current product is October 22, 2024. If available, product will be sold up to the expiration date.
<b>Glanders low titer positive control serum, lyophilized</b>	166-L	1.0 mL	40	Yes	\$146.00	Low titer positive control serum used in serologic tests to detect antibodies to Burkholderia mallei

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Glanders positive control serum, high titer	166-H	1.0 mL	40	Yes	\$146.00	High titer positive control serum used in serologic tests to detect antibodies to Burkholderia (Pseudomonas) mallei
Goat origin anti-chicken fluorescent antibody (FA) conjugate	291-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with chicken serum
Goat origin anti-chicken horseradish peroxidase-labeled conjugate	291-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with chicken serum
Goat origin anti-guinea pig fluorescent antibody (FA) conjugate	296-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with guinea pig serum
Goat origin anti-mouse fluorescent antibody (FA) conjugate	221-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with mouse serum
Goat origin anti-mouse horseradish peroxidase-labeled conjugate	221-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with mouse serum
Goat origin anti-porcine fluorescent antibody (FA) conjugate	191-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with porcine serum
Goat origin anti-porcine horseradish peroxidase-labeled conjugate	191-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with porcine serum
Goat origin anti-rabbit fluorescent antibody (FA) conjugate	171-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with rabbit serum
Goat origin anti-rabbit horseradish peroxidase-labeled conjugate	171-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with rabbit serum
Highly pathogenic avian influenza (HPAI) inactivated antigen, H5N1, clade 2.3.4.4b	137-ADV	2.0 mL		Yes	\$645.00	Limit 2 vials; 2022 US H5N1 HPAI isolate (A/American wigeon/South Carolina/22-000345-001/2021 HPAI H5N1 inactivated antigen)
Highly pathogenic avian influenza (HPAI) inactivated antigen, H5N2, clade 2.3.4.4b	133-ADV	2.0 mL		Yes	\$645.00	2015 US Midwest H5N2 HPAI isolate (A/Turkey/Minnesota/9845-4/2015 H5N2 HPAI inactivated antigen)

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Highly pathogenic avian influenza (HPAI) inactivated antigen, H5N2, clade 2.3.4.4b	134-ADV	2.0 mL		Yes	\$645.00	2015 US Midwest H5N2 HPAI isolate (A/Turkey/Minnesota/12582/2015 H5N2 HPAI inactivated antigen)
Highly pathogenic avian influenza (HPAI) inactivated antigen, H5N8, clade 2.3.4.4b	135-ADV	2.0 mL		Yes	\$645.00	A/gyrfalcon/Washington/41088-6/2014(H5N8) – courtesy of USGS NWHC and Washington State
Infectious bronchitis virus	112-ADV	0.6 mL	1	Yes	\$70.00	Virus (Beaudette strain) propagated in chicken embryos
Infectious bursal disease (IBD) antiserum	420-ADV	2.0 mL	Varies	Yes	\$135.00	Use as a positive control serum in the IBD indirect fluorescent antibody (IFA) test
Infectious bursal disease (IBD) virus (cell culture)	120-ADV	0.6 mL	1	Yes	\$70.00	Cell culture virus (Edgar strain) propagated in chicken embryo cells
Infectious bursal disease (IBD) virus (embryo)	124-ADV	0.6 mL	1	Yes	\$70.00	Embryo-adapted chicken embryo-propagated virus, NVSL challenge virus strain
Infectious laryngotracheitis (ILT) fluorescent antibody (FA) conjugate	633-ADV	1.0 mL	Varies	Yes	\$167.00	Use to detect ILT viral antigen in infected cell cultures or tissues by FA techniques. NVSL challenge virus strain LT 83-2.
Infectious laryngotracheitis (ILT) virus	033-ADV	0.6 mL	1	Yes	\$70.00	Cell culture virus (strain Cover) propagated in chick embryo kidney cells
Infectious laryngotracheitis (ILT) virus antiserum	333-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against LT 83-2 strain
Influenza A virus - swine (IAV-S) antiserum H1N1 (CA/2009)	334-IDV	2.0 mL		Yes	\$242.00	A/SW/CA/04/2009 (H1N1) strain, porcine origin. Use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.
Influenza A virus - swine (IAV-S) antiserum H1N1 (IL/2005)	329-IDV	2.0 mL		Yes	\$242.00	A/SW/IL/00685/2005 (H1N1) strain, porcine origin. Use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.

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<b>Influenza A virus - swine (IAV-S) antiserum H1N1 (KY/2008)</b>	333-IDV	2.0 mL		Yes	\$242.00	A/SW/KY/02086/2008 (H1N1) strain, porcine origin. Use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.
<b>Influenza A virus - swine (IAV-S) antiserum H1N2 (SD/2013)</b>	335-IDV	2.0 mL		Yes	\$242.00	A/SW/SD/A01349341/2013 (H1N2) strain, porcine origin. Use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.
<b>Influenza A virus - swine (IAV-S) antiserum H3N1 (MO/2014)</b>	330-IDV	2.0 mL		Yes	\$242.00	A/SW/MO/A01410819/2014 (H3N1) strain, porcine origin. Use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.
<b>Influenza A virus - swine (IAV-S) antiserum H3N2 (IA/2014)</b>	332-IDV	2.0 mL		Yes	\$242.00	A/SW/IA/A01480656/2014 (H3N2) strain, porcine origin. Use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.
<b>Influenza A virus - swine (IAV-S) antiserum H3N2 (NY/2011)</b>	331-IDV	2.0 mL		Yes	\$242.00	A/SW/NY/A01104005/2011 (H3N2) strain, porcine origin, use as a positive control serum in the IAV-S hemagglutination inhibition (HI) test.
<b>Johne's Sera</b>	JD-SER	0.5 mL	N/A	Yes	\$73.00	Serum from characterized Johne's disease status animals (call (515) 337-7563 for current list)
<b>Leptospira microscopic agglutination negative control serum</b>	LEP-NEG	2.0 mL	Varies	Yes	\$86.00	Used as a negative control for the Leptospira microscopic agglutination test
<b>Leptospira multivalent fluorescent antibody conjugate, rabbit origin</b>	LEP-FAC	1.0 mL	Varies	Yes	\$108.00	Rabbit origin multivalent fluorescent antibody conjugate (FITC-bound)
<b>Leptospira reference antiserum, rabbit origin, 200+ strains other than those listed for MAT purposes</b>	LEP-ANT	2.0 mL	Varies	Yes	\$269.00	Reference antiserum for Leptospira generally not used in microscopic agglutination testing; contact laboratory regarding serovar/strain availability at (515) 337-7526
<b>Leptospira reference cultures, semi-solid or liquid form, 200+ strains other than those listed</b>	LEP-CUL	6.0/10.0 mL	Varies	Yes	\$242.00	Reference strains of Leptospira generally not used in microscopic agglutination testing; contact laboratory regarding serovar/strain availability at (515) 337-7526

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Leptospira reference serovar Australis, strain Ballico, liquid culture</b>	ARL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Australis, strain Ballico, rabbit antiserum</b>	ARA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Australis, strain Ballico, semi-solid culture</b>	ARS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Autumnalis, strain Akiyami A, liquid culture</b>	ATL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Autumnalis, strain Akiyami A, rabbit antiserum</b>	ATA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Autumnalis, strain Akiyami A, semi-solid culture</b>	ATS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Ballum, strain S 102, liquid culture</b>	BML-011	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Ballum, strain S 102, rabbit antiserum</b>	BMA-011	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Ballum, strain S 102, semi-solid culture</b>	BMS-011	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Bataviae, strain Van Tienen, liquid culture</b>	BTL-020	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Bataviae, strain Van Tienen, rabbit antiserum</b>	BTA-020	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test

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Leptospira reference serovar Bataviae, strain Van Tienen, semi-solid culture	BTS-020	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar Bratislava, strain Jez Bratislava, liquid culture	ARL-050	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar Bratislava, strain Jez Bratislava, rabbit antiserum	ARA-050	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar Bratislava, strain Jez Bratislava, semi-solid culture	ARS-050	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar Canicola, strain Hond Utrecht IV, liquid culture	CAL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar Canicola, strain Hond Utrecht IV, rabbit antiserum	CAA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar Canicola, strain Hond Utrecht IV, semi-solid culture	CAS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar Copenhageni (Ictero reference), strain M-20, liquid culture	ICL-020	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar Copenhageni (Ictero reference), strain M-20, rabbit antiserum	ICA-020	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar Copenhageni (Ictero reference), strain M-20, semi-solid culture	ICS-020	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Leptospira reference serovar Grippotyphosa, strain Andaman, liquid culture</b>	GRL-020	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Grippotyphosa, strain Andaman, rabbit antiserum</b>	GRA-020	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Grippotyphosa, strain Andaman, semi-solid culture</b>	GRS-020	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Hardjo, strain Hardjoprajtino, liquid culture</b>	SJL-060	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Hardjo, strain Hardjoprajtino, rabbit antiserum</b>	SJA-060	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Hardjo, strain Hardjoprajtino, semi-solid culture</b>	SJS-060	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Hebdomadis, strain Hebdomadis, liquid culture</b>	HBL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Hebdomadis, strain Hebdomadis, rabbit antiserum</b>	HBA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Hebdomadis, strain Hebdomadis, semi-solid culture</b>	HBS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Pomona, strain Pomona, liquid culture</b>	POL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Leptospira reference serovar Pomona, strain Pomona, rabbit antiserum</b>	POA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Pomona, strain Pomona, semi-solid culture</b>	POS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Pyrogenes, strain Salinem, liquid culture</b>	PYL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Pyrogenes, strain Salinem, rabbit antiserum</b>	PYA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Pyrogenes, strain Salinem, semi-solid culture</b>	PYS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Sejroe, strain M 84, liquid culture</b>	SJL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Sejroe, strain M 84, rabbit antiserum</b>	SJA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Sejroe, strain M 84, semi-solid culture</b>	SJS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Szwajizak, strain Szwajizak, liquid culture</b>	MIL-020	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Szwajizak, strain Szwajizak, rabbit antiserum</b>	MIA-020	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Leptospira reference serovar Szwajizak, strain Szwajizak, semi-solid culture</b>	MIS-020	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Leptospira reference serovar Tarassovi, strain Perepelitsin, liquid culture</b>	TAL-010	10.0 mL	Varies	Yes	\$242.00	Liquid culture for use in microscopic agglutination test
<b>Leptospira reference serovar Tarassovi, strain Perepelitsin, rabbit antiserum</b>	TAA-010	2.0 mL	Varies	Yes	\$269.00	Reference control antiserum for microscopic agglutination test
<b>Leptospira reference serovar Tarassovi, strain Perepelitsin, semi-solid culture</b>	TAS-010	6.0 mL	Varies	Yes	\$242.00	Semi-solid culture for stock culture purposes
<b>Low pathogenic avian influenza (LPAI) inactivated antigen, H5N2 Durango</b>	245-ADV	2.0 mL		Yes	\$140.00	A/chicken/Durango/1433-2/2005 (H5N2)
<b>Low pathogenic avian influenza (LPAI) inactivated antigen, H5N2 Guatemala</b>	244-ADV	2.0 mL		Yes	\$140.00	A/chicken/Guatemala/45511-3/2000 (H5N2)
<b>Mycobacterium - Mycobacterium avium ssp. Paratuberculosis - Johne's enzyme-linked immunosorbent assay (ELISA) proficiency test</b>	JEL-CHK	N/A	N/A	Yes	\$774.00	A panel of serum samples is used to monitor proficiency of laboratory personnel
<b>Mycobacterium - Mycobacterium avium ssp. Paratuberculosis - Johne's fecal pooling proficiency kit</b>	JFE-POL	N/A	N/A	Yes	\$774.00	Pooling proficiency panel. 25 - 10mL vials of feces. Conducted yearly, contact laboratory at (515) 337-7526
<b>Mycobacterium - Mycobacterium avium ssp. Paratuberculosis - Johne's fecal proficiency test kit</b>	JFE-CHK	N/A	N/A	Yes	\$774.00	Individual sample proficiency panel. 26 - 10mL vials of feces. Conducted yearly, contact laboratory at (515) 337-7526

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycobacterium - Mycobacterium avium ssp. Paratuberculosis (Johne's) fecal sample</b>	MAP-NEG	5 samples	1	Yes	\$36.00	Johne's fecal negative controls. Click here for a current list of negative control samples.
<b>Mycobacterium - Mycobacterium avium ssp. Paratuberculosis (Johne's) fecal sample</b>	MAP-POS	5 samples	1	Yes	\$36.00	Johne's fecal positive controls. Click here for a current list of positive control samples.
<b>Mycobacterium - Mycobacterium avium ssp. Paratuberculosis manual</b>	MAP-MAN	N/A	N/A	Yes	\$108.00	Manual titled "Laboratory Methods for Isolation and Identification of Mycobacterium avium spp. Paratuberculosis (Johne's Disease)"
<b>Mycobacterium antigen - Mycobacterium avium purified protein derivative (PPD) (export testing)</b>	30-EXP	2.0 mL	12 - 15	Yes	\$82.00	Product requires 30 days advanced notice when ordering. Purified protein derivative (PPD) avium export (1 mg/mL protein) tuberculin is used to test bovine and other species of animals for relative sensitivity to Mycobacterium avium by the caudal fold or other appropriate methods.
<b>Mycobacterium antigen - mycobacterium bovis purified protein derivative (PPD) (caudal fold test)</b>	131-B1	1.0 mL	5 - 6	*	\$41.00	For caudal fold test. One mg/mL protein tuberculin is used to test bovine and other species of animals for sensitivity to Mycobacterium bovis tuberculoprotein.
<b>Mycobacterium antigen - mycobacterium bovis purified protein derivative (PPD) (caudal fold test)</b>	131-B5	5.0 mL	35 - 40	*	\$205.00	For caudal fold test. One mg/mL protein tuberculin is used to test bovine and other species of animals for sensitivity to Mycobacterium bovis tuberculoprotein.
<b>Mycobacterium antigen - mycobacterium bovis purified protein derivative (PPD) (caudal fold test)</b>	131-B10	10.0 mL	75 - 80	*	\$410.00	Use this product for Bovine caudal fold test and Cervid single cervical test. One mg/mL protein tuberculin is used to test bovine and other species of animals for sensitivity to Mycobacterium bovis tuberculoprotein. Replaces reagent code 131-B.

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycobacterium antigen - mycobacterium bovis purified protein derivative (PPD) (cervical test)</b>	31-CER	2.0 mL	15 - 17	*	\$82.00	This product is for use by federal/regulatory veterinarians and requires the approval of the Cattle Health Center Specialists. Purified protein derivative (PPD) bovis cervical (2 mg/mL protein) tuberculin is used to test bovine and other species of animals for relative sensitivity to Mycobacterium bovis tuberculoprotein by the cervical method.
<b>Mycobacterium antigen - Mycobacterium paratuberculosis (Johne's) complement fixation (CF) antigen</b>	133-CF	3.0 mL	Varies	Yes	\$210.00	The antigen is used in the Johne's complement fixation (CF) test for the serological diagnosis of Mycobacterium paratuberculosis
<b>Mycobacterium antigen - Mycobacterium paratuberculosis (Johnin) purified protein derivative (PPD) tuberculin</b>	134	1.0 mL	10	Yes	\$41.00	Purified protein derivative (PPD) Johnin is used in bovine to determine their relative sensitivity to Mycobacteria paratuberculosis by the caudal fold method
<b>Mycobacterium antigen - purified protein derivative (PPD) avian balanced tuberculin (comparative cervical test)</b>	30-BAL	1.0 mL	5 - 6	*	\$41.00	The ordering and use of the Balanced Tuberculins require approval of the Assistant District Director and are for use by CCT trained federal/regulatory veterinarians only. Used to test bovine and other species of animals for relative sensitivity to Mycobacterium bovis and M. avium tuberculoprotein by the comparative cervical method--contains 0.4 mg protein/mL.
<b>Mycobacterium antigen - purified protein derivative (PPD) bovis balanced tuberculin (comparative cervical test)</b>	31-BAL	1.0 mL	5 - 6	*	\$41.00	The ordering and use of the Balanced Tuberculins require approval of the Assistant District Director and are for use by CCT trained federal/regulatory veterinarians only. Used to test bovine and other species of animals for relative sensitivity to Mycobacterium bovis and M. avium tuberculoprotein by the comparative cervical method--contains 1.0 mg protein/mL.

Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycobacterium bovis Cervid TB Stat-Pak serum shipping kit</b>	STA-PAK	N/A	80	Yes	\$43.00	Shipping materials only for Cervid TB Stat-Pak testing. Blood tubes or sample collection supplies not included.
<b>Mycobacterium bovis direct PCR control, negative, bovine tissue</b>	MBD-NEG	10.0 mL	100	Yes	\$72.00	Ground bovine liver tissue in PBS used as a negative control in direct PCR applications. Validated for use in Mycobacterium tuberculosis complex direct PCR assays. Packaged as 10 vials containing 1 mL each for a total of 100 tests if 100 µl is used per extraction.
<b>Mycobacterium bovis direct PCR control, positive, bovine tissue with BCG</b>	MBD-POS	10.0 mL	100	Yes	\$72.00	Mycobacterium bovis direct PCR positive extraction control. Ground bovine liver tissue in PBS spiked with M. bovis BCG. Packaged as 10 vials containing 1 mL each for a total of 100 tests if 100 µl is used per extraction.
<b>Mycobacterium bovis direct PCR control, positive, bovine tissue with Mtb H37a</b>	TBD-POS	10.0 mL	100	Yes	\$72.00	Mycobacterium tuberculosis complex direct PCR positive extraction control. Ground bovine liver tissue in PBS spiked with M. tuberculosis H37Ra. Packaged as 10 vials containing 1 mL each for a total of 100 tests if 100 µl is used per extraction.
<b>Mycobacterium control serum - Mycobacterium paratuberculosis (Johne's) enzyme-linked immunosorbent assay (ELISA) negative control serum</b>	137-N	2.0 mL	Varies	Yes	\$86.00	Serum is used in the Johne's enzyme-linked immunosorbent assay (ELISA) test to monitor the functioning of test systems
<b>Mycobacterium control serum - Mycobacterium paratuberculosis (Johne's) complement fixation (CF) negative serum</b>	133-N	2.0 mL	Varies	Yes	\$86.00	Serum is used in the Johne's disease complement fixation (CF) test to monitor the functioning of the test system
<b>Mycobacterium control serum - Mycobacterium paratuberculosis (Johne's) complement fixation (CF) positive serum</b>	133-P	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Johne's disease complement fixation (CF) test to monitor the functioning of the test system

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycobacterium control serum - Mycobacterium paratuberculosis (Johne's) enzyme-linked immunosorbent assay (ELISA) high positive control serum</b>	137-HP	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Johne's enzyme-linked immunosorbent assay (ELISA) test to monitor the functioning of test systems
<b>Mycobacterium control serum - Mycobacterium paratuberculosis (Johne's) enzyme-linked immunosorbent assay (ELISA) low positive 1 control serum</b>	137-LP1	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Johne's enzyme-linked immunosorbent assay (ELISA) test to monitor the functioning of test systems
<b>Mycobacterium control serum - Mycobacterium paratuberculosis (Johne's) enzyme-linked immunosorbent assay (ELISA) low positive 2 control serum</b>	137-LP2	1.0 mL	Varies	Yes	\$146.00	Serum is used in the Johne's enzyme-linked immunosorbent assay (ELISA) test to monitor the functioning of test systems
<b>Mycobacterium field isolate - multiple species available</b>	MYC-S	Varies	N/A	Yes	\$242.00	Mycobacterium field isolates. Sent as live cultures on slants. Call (515) 337-7526 for availability.
<b>Mycobacterium field isolate - multiple species available</b>	MYC-F	1.0 mL	N/A	Yes	\$242.00	Mycobacterium field isolates. Sent as glycerol stock. Call (515) 337-7526 for availability
<b>Mycobacterium reference culture - multiple species available</b>	MYC-R	1.0 mL		Yes	\$645.00	Mycobacterium isolates for use as reference strains. Certificate of Analysis is provided with each order. Supplied as a glycerol stock Call (515) 337-7526 for availability
<b>Mycobacterium species cells, non-viable</b>	MYC-NV	Varies	N/A	Yes	\$143.00	Mycobacterium species cells, non-viable. Various species available. Call (515) 337-7526 for availability
<b>Mycobacterium species DNA</b>	MYC-DNA	Varies	N/A	Yes	\$178.75	Mycobacterium species DNA. Various species available. Call (515) 337-7526 for availability
<b>Mycoplasma - chicken serum, negative for Mycoplasma antibodies</b>	119	2.0 mL	Varies	Yes	\$86.00	Used as a negative control in plate or hemagglutination-inhibition test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycoplasma - turkey serum, negative for mycoplasma antibodies</b>	109	2.0 mL	Varies	Yes	\$86.00	Used as a negative control in plate or hemagglutination-inhibition tests
<b>Mycoplasma gallisepticum hemagglutination antigen</b>	100	5.0 mL	Varies	Yes	\$430.00	Used to detect antibodies in poultry serum by hemagglutination-inhibition (HI) test
<b>Mycoplasma gallisepticum positive control serum, chicken origin, for use in plate test</b>	104-P	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in the plate test; plate test antigen is available commercially
<b>Mycoplasma gallisepticum positive control serum, chicken origin, range in titer of 1:160 - 1:320</b>	104-M	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma gallisepticum positive control serum, chicken origin, range in titer of 1:40 - 1:80</b>	104-L	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma gallisepticum positive control serum, chicken origin, range in titer of 1:640 - 1:1280</b>	104-H	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma gallisepticum positive control serum, turkey origin, for use in plate test</b>	103-P	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in the plate test; plate test antigen is available commercially
<b>Mycoplasma gallisepticum positive control serum, turkey origin, range in titer of 1:160 - 1:320</b>	103-M	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma gallisepticum positive control serum, turkey origin, range in titer of 1:40 - 1:80</b>	103-L	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma gallisepticum positive control serum, turkey origin, range in titer of 1:640 - 1:1280</b>	103-H	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycoplasma meleagridis hemagglutination antigen</b>	110	5.0 mL	Varies	Yes	\$430.00	Used to detect antibodies in poultry serum by hemagglutination-inhibition (HI) test
<b>Mycoplasma meleagridis positive control serum, turkey origin, for use in plate test</b>	113-P	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in the plate test; plate test antigen is available commercially
<b>Mycoplasma meleagridis positive control serum, turkey origin, range in titer of 1:160 - 1:320</b>	113-M	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma meleagridis positive control serum, turkey origin, range in titer of 1:40 - 1:80</b>	113-L	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma meleagridis positive control serum, turkey origin, range in titer of 1:640 - 1:1280</b>	113-H	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma synoviae fluorescent antibody conjugate, multivalent, chicken origin</b>	MSC-FAC	0.5 mL	Varies	Yes	\$54.00	Chicken origin multivalent fluorescent antibody conjugate (FITC bound)
<b>Mycoplasma synoviae fluorescent antibody conjugate, multivalent, rabbit origin</b>	MSR-FAC	0.5 mL	Varies	Yes	\$54.00	Rabbit origin multivalent fluorescent antibody conjugate (FITC bound)
<b>Mycoplasma synoviae hemagglutination antigen</b>	120	5.0 mL	Varies	Yes	\$430.00	Used to detect antibodies in poultry serum by hemagglutination-inhibition (HI) test
<b>Mycoplasma synoviae positive control serum, chicken origin, for use in plate test</b>	124-P	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in the plate test; plate test antigen is available commercially
<b>Mycoplasma synoviae positive control serum, chicken origin, range in titer of 1:160 - 1:320</b>	124-M	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Mycoplasma synoviae positive control serum, chicken origin, range in titer of 1:40 - 1:80</b>	124-L	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma synoviae positive control serum, chicken origin, range in titer of 1:640 - 1:1280</b>	124-H	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma synoviae positive control serum, turkey origin, range in titer of 1:160 - 1:320</b>	125-M	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma synoviae positive control serum, turkey origin, range in titer of 1:40 - 1:80</b>	125-L	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Mycoplasma synoviae positive control serum, turkey origin, range in titer of 1:640 - 1:1280</b>	125-H	2.0 mL	Varies	Yes	\$430.00	Used as a positive control serum in hemagglutination-inhibition (HI) test
<b>Newcastle disease (ND) antigen</b>	136-ADV	2.0 mL	Varies	Yes	\$140.00	For use in the hemagglutination and hemagglutination-inhibition (HI) tests. Beta-propiolactone inactivated (LaSota strain)
<b>Newcastle disease (ND) antiserum</b>	433-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against LaSota strain
<b>Newcastle disease (ND) transcribed RNA</b>	200-ADV	0.05 mL	Varies	*	\$108.00	Positive control for NDV RRT-PCR. Transcribed RNA was prepared with PAMP1 plasmid containing the matrix and fusion gene of PMV/CA/Chicken/211472/02. Must be an APHIS-approved laboratory or in the process of becoming approved. Contact NVSL.DVL.Comm@usda.gov for questions.

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Newcastle disease virus proficiency panel for PCR	ND-PCR	1.0 mL	N/A	Yes	\$774.00	Panel of inactivated antigen used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov. Previously known as ND-RRT effective 8/20/25.
Normal specific pathogen free chicken serum	907-ADV	5.0 mL	Varies	Yes	\$215.00	Used as a negative control serum for avian serology
Normal turkey serum	906-ADV	0.6 mL	Varies	Yes	\$25.80	Used as a negative control serum for avian serology
Parainfluenza-3 virus fluorescent antibody conjugate	770-BDV	1.0 mL	Varies	Yes	\$167.00	Bovine source
Pasteurella multocida type 1 antiserum	20-T1	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 1, reference culture X-73	21-T1	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 10 antiserum	20-T10	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 10, reference culture P-2100	21-T10	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 11 antiserum	20-T11	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 11, reference culture P-903	21-T11	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 12 antiserum	20-T12	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 12, reference culture P-1573	21-T12	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 13 antiserum	20-T13	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Pasteurella multocida type 13, reference culture P-1591</b>	21-T13	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 14 antiserum</b>	20-T14	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 14, reference culture P-2225</b>	21-T14	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 15 antiserum</b>	20-T15	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 15, reference culture P-2237</b>	21-T15	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 16 antiserum</b>	20-T16	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 16, reference culture P-2723</b>	21-T16	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 2 antiserum</b>	20-T2	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 2, reference culture M-1404</b>	21-T2	10.0 mL	Varies	Yes	\$242.00	USDA permit required. Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 3 antiserum</b>	20-T3	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 3, reference culture P-1059</b>	21-T3	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 4 antiserum</b>	20-T4	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 4, reference culture P-1662</b>	21-T4	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Pasteurella multocida type 5 antiserum</b>	20-T5	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 5, reference culture P-1702</b>	21-T5	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 6 antiserum</b>	20-T6	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 6, reference culture P-2192</b>	21-T6	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 7 antiserum</b>	20-T7	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 7, reference culture P-1997</b>	21-T7	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 8 antiserum</b>	20-T8	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 8, reference culture P-1581</b>	21-T8	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>Pasteurella multocida type 9 antiserum</b>	20-T9	1.0 mL	Varies	Yes	\$215.00	Reference control antiserum for use in the gel diffusion precipitin test
<b>Pasteurella multocida type 9, reference culture P-2095</b>	21-T9	10.0 mL	Varies	Yes	\$242.00	Used to prepare reference control antigen for the gel diffusion precipitin test
<b>PCR control, direct, negative bovine tissue</b>	MBD-NEG	10.0 mL	100	Yes	\$72.00	Ground bovine liver tissue in PBS used as a negative control in direct PCR applications. Validated for use in Mycobacterium tuberculosis complex direct PCR assays. Packaged as 10 vials containing 1 mL each for a total of 100 tests if 100 µl is used per extraction.

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>PCR control, direct, positive tissue with Mycobacterium bovis BCG</b>	MBD-POS	10.0 mL	100	Yes	\$72.00	Mycobacterium bovis direct PCR positive extraction control. Ground bovine liver tissue in PBS spiked with M. bovis BCG. Packaged as 10 vials containing 1 mL each for a total of 100 tests if 100 µl is used per extraction.
<b>PCR control, direct, positive tissue with Mycobacterium tuberculosis H37a</b>	TBD-POS	10.0 mL	100	Yes	\$72.00	Mycobacterium tuberculosis complex direct PCR positive extraction control. Ground bovine liver tissue in PBS spiked with M. tuberculosis H37Ra. Packaged as 10 vials containing 1 mL each for a total of 100 tests if 100 µl is used per extraction.
<b>Polysorbate-80 bovine albumin medium (P-80 BA)</b>	LTM-5	5.0 mL	Varies	Yes	\$4.88	Semisolid medium used to propagate Leptospira for use in microscopic agglutination testing
<b>Polysorbate-80 bovine albumin medium (P-80 BA)</b>	LTM-10	10.0 mL	Varies	Yes	\$9.75	Medium used to propagate Leptospira for use in microscopic agglutination testing
<b>Polysorbate-80 bovine albumin medium (P-80 BA)</b>	LTM-100	100.0 mL	Varies	Yes	\$97.50	Medium used to propagate Leptospira for use in microscopic agglutination testing
<b>Porcine adenovirus fluorescent antibody conjugate</b>	630-PDV	1.0 mL	Varies	Yes	\$167.00	Porcine source
<b>Porcine deltacoronavirus</b>	026-PDV	0.6 mL		Yes	\$645.00	
<b>Porcine epidemic diarrhea virus, CO isolate</b>	025-PDV	0.6 mL		Yes	\$645.00	Porcine epidemic diarrhea virus, CO isolate
<b>Porcine hemagglutinating encephalomyelitis virus (PHEV)</b>	001-PDV	0.6 mL	1	Yes	\$70.00	Mengling strain, challenge virus for the PHEV hemagglutination-inhibition (HI) test
<b>Porcine parvovirus (PPV)</b>	080-PDV	0.6 mL	Varies	Yes	\$70.00	NADL-1 (Mengeling) strain, challenge virus for the PPV hemagglutination-inhibition (HI) test
<b>Porcine reproductive and respiratory syndrome (PRRS) infected MARC-145 cells European N strain</b>	150-MDV	2 slides/set	N/A	Yes	\$36.00	Eight (8) chambered slides for indirect immunofluorescent assay testing (acetone-fixed). No longer produced, will be available until current stocks are depleted.

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Porcine reproductive and respiratory syndrome (PRRS) infected MARC-145 cells North American strain</b>	130-MDV	2 slides/set	N/A	Yes	\$36.00	Eight (8) chambered slides for indirect immunofluorescent assay testing (acetone-fixed). No longer produced, will be available until current stocks are depleted.
<b>Pseudocowpox virus</b>	100-BDV	0.6 mL	1	Yes	\$70.00	Field isolate--NVSL accession number 73-9543
<b>Pseudocowpox virus antiserum</b>	401-BDV	2.0 mL	Varies	Yes	\$280.00	Porcine source
<b>Pseudocowpox virus fluorescent antibody conjugate</b>	700-BDV	1.0 mL	Varies	Yes	\$167.00	Bovine source
<b>Pseudorabies (Aujeszky's) antibody proficiency panel (ELISA – gB and gI)</b>	PRV-ELI	N/A	N/A	*	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov.
<b>Pseudorabies (Aujeszky's) antibody proficiency panel (virus neutralization)</b>	PRV-VNT	N/A	N/A	*	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov.
<b>Pseudorabies virus (Aujeszky's)</b>	070-PDV	0.6 mL	1	*	\$70.00	Shope strain, virus for use in the pseudorabies virus neutralization (VN) test. In U.S., must be an APHIS approved laboratory. Contact DVL at NVSL.DVL.TeamLeads@usda.gov
<b>Pseudorabies virus antiserum (Aujeszky's)</b>	370-PDV	2.0 mL	Varies	*	\$242.00	Porcine source
<b>Pseudorabies virus fluorescent antibody (FA) conjugate (Aujeszky's)</b>	670-PDV	1.0 mL	Varies	*	\$167.00	Porcine source
<b>Pseudorabies virus neutralization (VN) positive control serum</b>	375-PDV	2.0 mL	12	Yes	\$57.00	Positive control serum (diluted) for use in the pseudorabies virus neutralization (VN) test. In U.S., must be an APHIS approved laboratory. Contact DVL at NVSL.DVL.TeamLeads@usda.gov.
<b>Psittacine herpesvirus (PHV)</b>	037-ADV	0.6 mL	1	Yes	\$70.00	Cell culture virus (NVSL strain 77-4441) propagated in chicken embryo kidney cells

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Psittacine herpesvirus (PHV) antiserum</b>	337-ADV	2.0 mL	Varies	Yes	\$135.00	Antiserum prepared in chickens against NVSL strain 77-4441
<b>Psittacine herpesvirus (PHV) fluorescent antibody (FA) conjugate</b>	637-ADV	1.0 mL	Varies	Yes	\$167.00	Use to detect PHV viral antigen in infected cell cultures or tissues by FA techniques (NVSL 77-4441 strain)
<b>Rabbit origin anti-bovine fluorescent antibody (FA) conjugate</b>	81-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with bovine serum
<b>Rabbit origin anti-bovine horseradish peroxidase-labeled conjugate</b>	81-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with bovine serum
<b>Rabbit origin anti-equine fluorescent antibody (FA) conjugate</b>	71-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with equine serum
<b>Rabbit origin anti-equine horseradish peroxidase-labeled conjugate</b>	71-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with equine serum
<b>Rabbit origin anti-goat fluorescent antibody (FA) conjugate</b>	176-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with goat serum
<b>Rabbit origin anti-goat horseradish peroxidase-labeled conjugate</b>	176-R2	1.0 mL	Varies	Yes	\$167.00	Use in enzyme immunoassays with goat serum
<b>Rabbit origin anti-guinea pig fluorescent antibody (FA) conjugate</b>	196-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with guinea pig serum
<b>Rabbit origin anti-mouse fluorescent antibody (FA) conjugate</b>	211-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with mouse serum
<b>Rabbit origin anti-sheep fluorescent antibody (FA) conjugate</b>	181-FA	1.0 mL	Varies	Yes	\$167.00	Use in indirect FA tests with sheep serum
<b>Salmonella D National Poultry Improvement Plan proficiency test</b>	CHK-GRD	N/A	N/A	Yes	\$774.00	National Poultry Improvement Plan Salmonella Group D Contact laboratory for information--(515) 337-7526
<b>Salmonella pullorum high titer control antiserum</b>	28-H	2.0 mL	40	Yes	\$430.00	Used as positive control serum with NVSL products 28 and 28-P

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Salmonella pullorum low titer control antiserum</b>	28-L	2.0 mL	40	Yes	\$430.00	Used as positive control serum with NVSL product 28
<b>Salmonella pullorum negative control antiserum</b>	28-N	2.0 mL	40	Yes	\$86.00	Used as negative control serum with NVSL products 28 and 28-P
<b>Salmonella pullorum stained microtiter antigen</b>	28	25.0 mL	500	Yes	\$651.00	Stained antigen used to detect antibody to the somatic antigens of Salmonella pullorum
<b>Salmonella pullorum tube test antigen</b>	28-P25	25.0 mL	200	Yes	\$700.00	Used for detection of antibody against Salmonella pullorum somatic antigens
<b>Salmonella pullorum tube test antigen</b>	28-P	5.0 mL	40	Yes	\$140.00	Used for detection of antibody against Salmonella pullorum somatic antigens
<b>Salmonella reference isolate</b>	SAL-REF			Yes	\$645.00	1 Salmonella Reference Isolate. Please contact laboratory at <a href="mailto:nvsl.bacteriology.case.manager@usda.gov">nvsl.bacteriology.case.manager@usda.gov</a> to confirm availability prior to order.
<b>Salmonella serotyping Proficiency Panel</b>	CHK-SAL	1.0 mL	N/A	Yes	\$774.00	Salmonella Serotyping Proficiency Panel, contact laboratory for availability, 10 isolates
<b>Scrapie Caprine PrP genotyping proficiency panel - FTA Cards</b>	PRC-FTA			Yes	\$774.00	Panel of FTA cards with Caprine whole blood. Conducted yearly, contact laboratory at (515) 337-7526 or 7837
<b>Scrapie Caprine PrP genotyping proficiency panel - Tissue</b>	PRC-TIS			Yes	\$774.00	Panel of 3mm Caprine ear punches in vials. Conducted yearly, contact laboratory at (515) 337-7526 or 7837
<b>Scrapie Caprine PrP genotyping proficiency panel - Whole Blood</b>	PRC-WB			Yes	\$774.00	Panel 1mL vials of whole blood. Conducted yearly, contact laboratory at (515) 337-7526 or 7837
<b>Scrapie genotyping control DNA</b>	SCR-DNA	25 uL		Yes	\$108.00	Scrapie genotyping control DNA

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
Scrapie immunohistochemistry control block	CWS-CB			*	N/A	Positive chronic wasting disease and/or scrapie brain and lymph tissue and Not Detected brain in a paraffin block, used for IHC scrapie and CWD controls, includes a stained slide; appropriate permit(s) required.
Scrapie Ovine PrP genotyping proficiency panel - Whole Blood	PRP-WB			Yes	\$774.00	20 - 1mL vials of whole blood. Conducted yearly, contact laboratory at (515) 337-7526 or 7837
Scrapie Ovine PrP genotyping proficiency panel for fresh tissue	PRP-TIS			Yes	\$774.00	10 vials each with a 3mm Ovine ear punch. conducted yearly, contact laboratory at (515) 337-7526 or 7837
Scrapie Ovine PrP genotyping proficiency panel for FTA cards	PRP-FTA			Yes	\$774.00	20 FTA cards with Ovine whole blood. Conducted yearly, contact laboratory at (515) 337-7526 or 7837
Swine influenza virus (SIV)	SIV-REP	0.6 mL	N/A	Yes	\$645.00	SIV repository isolates
Swine influenza virus (SIV) fluorescent antibody conjugate H1N1	601-IDV	1.0 mL	Varies	Yes	\$167.00	Porcine source
Theileria equi positive control serum (high titer)	75-H	1.0 mL	40	Yes	\$334.00	High titer positive control serum used in serologic tests to detect antibodies to theileria equi
Theileria equi positive control serum (low titer)	75-L	1.0 mL	40	Yes	\$334.00	Low titer positive control serum used in serologic tests to detect antibodies to theileria equi
Transmissible gastroenteritis (TGE) virus neutralization (VN) positive control serum	325-PDV	2.0 mL	12	Yes	\$57.00	Positive control serum for Transmissible gastroenteritis (TGE) virus neutralization (VN) test (diluted)
Trichomoniasis foetus PCR (real time) Proficiency Test	TRI-CHK	700 uL	20	Yes	\$774.00	Trichomoniasis foetus PCR (real time) Proficiency Test. Panel consists of 20 samples
Vesicular stomatitis (VS) complement fixation (CF) antigen Indiana	069-VDV	1.0 mL	6	Yes	\$70.00	Challenge virus for the vesicular stomatitis (VS) Indiana complement fixation (CF) test

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Reagent Name	Reagent Code	Amount / Vial	Tests/ Vial	Billable	FY 2026 User Fee	Reagent Description
<b>Vesicular stomatitis (VS) complement fixation (CF) antigen New Jersey</b>	075-VDV	1.0 mL	6	Yes	\$70.00	Challenge virus for the vesicular stomatitis (VS) New Jersey complement fixation (CF) test
<b>Vesicular stomatitis (VS) complement fixation (CF) Indiana positive control serum (equine)</b>	369-VDV	2.0 mL	12	Yes	\$57.00	Positive control serum for vesicular stomatitis (VS) Indiana complement fixation (CF) test (diluted)
<b>Vesicular stomatitis (VS) complement fixation (CF) negative control serum</b>	490-BDV	2.0 mL	12	Yes	\$86.00	Negative control serum for VS CF tests, equine origin
<b>Vesicular stomatitis (VS) complement fixation (CF) New Jersey positive control serum (equine)</b>	375-VDV	2.0 mL	12	Yes	\$57.00	Positive control serum for vesicular stomatitis (VS) New Jersey complement fixation (CF) test (diluted)
<b>Vesicular stomatitis (VS) normal mouse brain complement fixation (CF) antigen</b>	074-VDV	1.0 mL	6	Yes	\$70.00	Normal antigen for vesicular stomatitis (VS) complement fixation (CF) test
<b>Vesicular stomatitis (VS) PCR positive amplification control RNA</b>	305-VDV	50.0 uL	2000	Yes	\$108.00	Extracted RNA from vesicular stomatitis (VS) virus New Jersey (073-VDV-1501) and vesicular stomatitis (VS) virus Indiana-1 (070-VDV-1501). Available to VSV NAHLN approved labs. Requests from other entities considered on a case-by-case basis.
<b>Vesicular stomatitis (VS) virus neutralization (VN) Indiana positive control serum</b>	470-VDV	2.0 mL	12	Yes	\$57.00	Positive control serum for VS Indiana virus neutralization (VN) test (diluted)
<b>Vesicular stomatitis (VS) virus neutralization (VN) negative control serum</b>	480-BDV	2.0 mL	12	Yes	\$86.00	Negative control serum for vesicular stomatitis (VS) virus neutralization (VN) tests (diluted), bovine origin
<b>Vesicular stomatitis (VS) virus neutralization (VN) New Jersey positive control serum</b>	473-VDV	2.0 mL	12	Yes	\$57.00	Positive 073-control serum for vesicular stomatitis (VS) New Jersey virus neutralization (VN) test (diluted)

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<b>Vesicular stomatitis (VS) virus, Indiana (IN)</b>	070-VDV	0.6 mL	1	Yes	\$70.00	Chimayo strain, challenge virus for the VS (IN) virus neutralization (VN) test
<b>Vesicular stomatitis (VS) virus, New Jersey (NJ)</b>	073-VDV	0.6 mL	1	Yes	\$70.00	Atlanta strain, challenge virus for the VS (NJ) virus neutralization (VN) test
<b>Vesicular stomatitis proficiency panel for complement fixation</b>	VS-CF	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov.
<b>Vesicular stomatitis proficiency panel for PCR</b>	VS-PCR	0.7 mL	3	Yes	\$774.00	Panel consists of live virus; UN3373 shipment and permit required; only distributed to APHIS-approved laboratories. Direct other requests to NVSL.DVL.Teamleads@usda.gov.
<b>Vesicular stomatitis proficiency panel for virus neutralization</b>	VS-VN	N/A	N/A	Yes	\$774.00	Panel of sera used to monitor proficiency of laboratory personnel. Direct questions to NVSL.DVL.Teamleads@usda.gov.