

National Veterinary Services Laboratories

Reagent Manual

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Anaplasma enzyme-linked immunosorbent assay (ELISA) proficiency test	ANP-CHK	Varies	Varies	Yes	\$377.00	A panel of serum samples is used to monitor proficiency of laboratory personnel.
Anaplasma marginale stabilate	141-STB	4.5 ml	1	Yes	\$181.00	Virginia strain, stabilate is used to initiate infection in donor animals.
Anaplasma marginale stabilate	141-STP	4.5 ml	1	Yes	\$181.00	Puerto Rico--61, 5/7/86 strain, stabilate is used to initiate infection in donor animals.
Anaplasmosis bovine serum factor for the anaplasmosis card test	147	1.0 ml	35	Yes	\$19.00	Standardized bovine serum factor for rapid card test for anaplasmosis, minimum order 5 (1 ml) vials
Anaplasmosis card test buffered antigen	148	2.0 ml	100	Yes	\$99.00	Buffered card test antigen for rapid card test
Anaplasmosis card test kit with reagents	140-CMP	400/kit	400/kit	Yes	\$833.00	Complete kit for the diagnosis of bovine anaplasmosis
Anaplasmosis card test kit without reagents	140	N/A	N/A	Yes	\$133.00	Kit contains all necessary components, excluding reagents
Anaplasmosis card test negative control serum	146	1.0 ml	35	Yes	\$19.00	Reference control negative serum for rapid card test
Anaplasmosis card test strong positive control serum	145	1.0 ml	400	Yes	\$133.00	Reference control antiserum for rapid card test
Anaplasmosis card test weak positive control serum	149	1.0 ml	400	Yes	\$133.00	Reference control antiserum for rapid card test
Anaplasmosis complement fixation test negative control serum	142-N	1.0 ml	30	Yes	\$19.00	Reference control serum for the complement fixation test

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Anaplasmosis complement fixation test positive control serum	142-M	1.0 ml	30	Yes	\$133.00	Reference control antiserum for the complement fixation test
Anaplasmosis complement fixation test positive control serum	142-L	1.0 ml	30	Yes	\$133.00	Reference control antiserum for the complement fixation test
Anaplasmosis complement fixation test positive control serum	142-H	1.0 ml	30	Yes	\$133.00	Reference control antiserum for the complement fixation test
Anaplasmosis high antibody card test control serum	143-A	1.0 ml	400	Yes	\$266.00	Reference control acute antiserum for rapid card test for anaplasmosis
Anaplasmosis high titer positive control serum	143-H	1.0 ml	30	Yes	\$133.00	Reference control for the complement fixation test
Anaplasmosis negative check test serum	142-CTN	1.0 ml	30	Yes	\$19.00	Reference control serum for the complement fixation test
Avian adenovirus 1 agar gel immunodiffusion (AGID) antigen	303-ADV	1.0 ml	60	Yes	\$32.00	Use to detect antibodies to avian adenovirus group 1 by the AGID test--must be ordered and used in matched sets (same lot numbers) with antiserum 306-ADV.
Avian adenovirus 1 agar gel immunodiffusion (AGID) antiserum	306-ADV	3.0 ml	60	Yes	\$76.50	Use as a positive control serum with avian adenovirus group 1 AGID antigen--must be ordered and used in matched sets (same lot numbers) with antigen 303-ADV.
Avian adenovirus 127 antigen	012-ADV	2.0 ml	Varies	Yes	\$64.00	Use in the hemagglutination-inhibition test to detect antibodies to adenovirus 127, propagated in duck embryo fibroblast cells (heat-inactivated)
Avian adenovirus 127 antiserum	301-ADV	2.0 ml	Varies	Yes	\$51.00	Prepared in chickens
Avian encephalomyelitis (AE) antiserum	320-ADV	2.0 ml	Varies	Yes	\$51.00	Prepared in chickens against Van Roekel strain. Antiserum can be used as a positive control in agar gel immunodiffusion test. AE AGID antigen is not supplied.

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Avian encephalomyelitis (AE) fluorescent antibody (FA) conjugate	632-ADV	1.0 ml	Varies	Yes	\$76.00	Use to detect AE viral antigen in tissues and brain smears by FA techniques. Van Roekel strain
Avian encephalomyelitis virus	020-ADV	0.6 ml	1	Yes	\$32.00	Embryo-derived virus propagated in chick embryos.
Avian influenza (AI) H5 transcribed RNA	202-ADV	0.05 ml	Varies	*	\$81.00	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.
Avian influenza (AI) H7 transcribed RNA	201-ADV	0.05 ml	Varies	*	\$81.00	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.
Avian influenza (AI) matrix transcribed RNA	203-ADV	0.05 ml	Varies	*	\$81.00	Positive control for AIV matrix RRT-PCR. Transcribed RNA was prepared with PAMP1 plasmid containing the matrix gene of CK/PA/13522-1/98
Avian influenza (AI) RRT PCR extraction control	204-ADV	1.0 ml	Varies	*	\$32.00	
Avian influenza immunodiffusion (AIID) antigen	300	2.0 ml	120	*	\$35.00	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
Avian influenza immunodiffusion (AIID) antigen	300-EXP	2.0 ml	120	Yes	\$35.00	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
Avian influenza immunodiffusion (AIID) antiserum	305-EXP	6.0 ml	120	Yes	\$108.00	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

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Avian influenza immunodiffusion (AIID) antiserum	305	6.0 ml	120	*	\$108.00	Use as a positive control serum with AIID antigen-- must be ordered and used in matched sets (same lot numbers) with AIID antigen 300
Avian influenza immunodiffusion (AIID) negative reference serum	905-EXP	0.6 ml	12	Yes	\$11.40	Use as a negative reference serum in the AIID test for export purposes
Avian influenza immunodiffusion (AIID) negative reference serum	905-ADV	0.6 ml	12	*	\$11.40	Use as a negative reference serum in the AIID test for program/surveillance testing
Avian influenza immunodiffusion (AIID) strong positive reference serum	902-ADV	0.6 ml	12	*	\$10.80	Use as a positive reference serum in the AIID test for program/surveillance testing
Avian influenza immunodiffusion (AIID) strong positive reference serum	902-EXP	0.6 ml	12	Yes	\$10.80	Use as a positive reference serum in the AIID test for export purposes
Avian influenza immunodiffusion (AIID) weak positive reference serum	903-EXP	0.6 ml	12	Yes	\$10.80	Use as a weak positive reference serum in the AIID test for export purposes
Avian influenza immunodiffusion (AIID) weak positive reference serum	903-ADV	0.6 ml	12	*	\$10.80	Use as a weak positive reference serum in the AIID test for program/surveillance testing
Avian influenza (AI) agar gel immunodiffusion (AGID) proficiency test	AI-CHK	NA	NA	Yes	\$377.00	Avian influenza agar gel immunodiffusion proficiency check test
Avian paramyxovirus type 2 antigen	071-ADV	2.0 ml	Varies	Yes	\$64.00	Use in the hemagglutination and hemagglutination-inhibition test. Beta-propiolactone inactivated (P/Ck/CA/Yucaipa/56 strain)
Avian paramyxovirus type 2 antiserum	471-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against P/Ck/CA/Yucaipa/56 strain
Avian paramyxovirus type 2 virus	171-ADV	0.6 ml	1	Yes	\$32.00	Virus (P/Ck/CA/Yucaipa/56 strain) propagated in chicken embryos
Avian paramyxovirus type 3 antigen	073-ADV	2.0 ml	Varies	Yes	\$64.00	Use in the hemagglutination and hemagglutination-inhibition test. Beta-propiolactone inactivated (P/Turkey/Wisconsin/68 strain)

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Avian paramyxovirus type 3 antiserum	473-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against P/Turkey/Wisconsin/68 strain
Avian paramyxovirus type 3 virus	173-ADV	0.6 ml	1	Yes	\$32.00	Virus (P/Turkey/Wisconsin/68 strain) propagated in chick embryos.
Avian paramyxovirus type 6 antigen	146-ADV	2.0 ml	Varies	Yes	\$64.00	Use in the hemagglutination and hemagglutination-inhibition test. Beta-propiolactone inactivated (DK/H.K./199/75 strain)
Avian paramyxovirus type 6 antiserum	479-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against DK/H.K./199/75 strain
Avian paramyxovirus type 7 antigen	147-ADV	2.0 ml	Varies	Yes	\$64.00	Use in the hemagglutination and hemagglutination-inhibition test. Beta-propiolactone inactivated (Dove/TN/4/75 strain)
Avian paramyxovirus type 7 antiserum	481-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against Dove/TN/4/75 strain
Avian reovirus	080-ADV	0.6 ml	1	Yes	\$32.00	Cell culture virus (Fahey-Crawley strain) propagated in chicken embryo kidney cells
Avian reovirus antiserum	380-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against Fahey-Crawley strain
Avian reovirus fluorescent antibody (FA) conjugate	680-ADV	1.0 ml	Varies	Yes	\$76.00	Use to detect avian reovirus antigen in infected cell cultures or tissues by FA techniques (Fahey-Crawley strain)
Babesia bigemina antiserum for the indirect fluorescent antibody test	203-IFA	1.0 ml	35	Yes	\$133.00	Reference control for the IFA test
Babesia bigemina complement fixation test antigen	200	1.0 ml	30	Yes	\$565.00	Antigen is used in the complement fixation test for detection of antibodies to Babesia bigemina.
Babesia bigemina indirect fluorescent antibody (IFA) test slides 6/1/09-Currently Not Available.	200-IFA	10/pkg	6/slide	Yes	\$108.00	6/1/09-Currently Not Available. Blood smear slides from an animal infected with Babesia bigemina, the slides are used as antigen slides in the IFA test to detect antibodies to Babesia bigemina.

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Babesia bigemina medium titer antiserum	203-MPR	1.0 ml	40	Yes	\$133.00	Puerto Rico strain, medium positive control titer for use in the complement fixation test for bovine babesiosis
Babesia bigemina medium titer antiserum	203-MWA	1.0 ml	Varies	Yes	\$133.00	Washington strain, medium positive control titer for use in the complement fixation test for bovine babesiosis
Babesia bovis card test antigen	208-CT	2.0 ml	100	Yes	\$1,130.00	Antigen is used in the rapid card test for detecting antibodies to Babesia bovis.
Babesia bovis card test weak positive serum	205-W	1.0 ml	40	Yes	\$133.00	Weak positive control serum used in the rapid card test for Babesia bovis
Babesia bovis complement fixation test antigen	208-CF	1.0 ml	30	Yes	\$565.00	Puerto Rico strain, antigen used in the complement fixation and immunoblot tests to detect antibodies to Babesia bovis
Babesia bovis high titer antiserum	205-HWA	1.0 ml	40	Yes	\$133.00	Washington strain, high titer positive control serum used in serologic tests for detecting antibodies to Babesia bovis
Babesia bovis indirect fluorescent antibody (IFA) slides 6/1/09-Currently Not Available.	208-IFA	10/pkg	6/slide	Yes	\$108.00	6/1/09-Currently Not Available. Blood smear slides from an animal infected with Babesia bovis, the slides are used as antigen slides in the IFA test to detect antibodies to Babesia bovis.
Babesia bovis low titer antiserum	205-L	1.0 ml	40	Yes	\$133.00	Washington strain, low titer positive control serum used in the serologic tests for detecting antibodies to Babesia bovis
Babesia caballi antigen indirect fluorescent antibody (IFA) slides 6/1/09-Currently Not Available.	73-IFA	10/pkg	6/slide	Yes	\$108.00	6/1/09-Currently Not Available. Blood smear slides from a horse infected with Babesia caballi, the slides are used as antigen slides in the IFA test to detect antibodies to Babesia caballi.
Babesia caballi complement fixation (CF) test antigen	73	1.0 ml	40	Yes	\$565.00	Antigen used in the CF test to detect antibodies to Babesia caballi

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Babesia caballi positive control serum (high titer)	77-H	1.0 ml	40	Yes	\$133.00	High titer positive control serum used in serologic tests to detect antibodies to Babesia caballi
Babesia caballi positive control serum (low titer)	77-L	1.0 ml	40	Yes	\$133.00	Low titer positive control serum used in serologic tests to detect antibodies to Babesia caballi
Babesia caballi positive control serum (medium titer)	77-M	1.0 ml	40	Yes	\$133.00	Medium titer positive control serum used in serologic tests to detect antibodies to Babesia caballi
Babesia equi antigen indirect fluorescent antibody (IFA) slides 6/1/09-Currently Not Available.	72-IFA	10/pkg	6/slide	Yes	\$108.00	6/1/09-Currently Not Available. Blood smear slides from a horse infected with Babesia equi, the slides are used as antigen slides in the IFA test to detect antibodies to Babesia equi.
Babesia equi complement fixation (CF) test antigen	72	1.0 ml	40	Yes	\$565.00	Antigen is used in the CF test to detect antibodies to Babesia equi.
Babesia equi positive control serum (high titer)	75-H	1.0 ml	40	Yes	\$133.00	High titer positive control serum used in serologic tests to detect antibodies to Babesia equi
Babesia equi positive control serum (low titer)	75-L	1.0 ml	40	Yes	\$133.00	Low titer positive control serum used in serologic tests to detect antibodies to Babesia equi
Babesia equi positive control serum (medium titer)	75-M	1.0 ml	40	Yes	\$133.00	Medium titer positive control serum used in serologic tests to detect antibodies to Babesia equi
Bluetongue check test	BT-CHK	N/A	N/A	Yes	\$377.00	Bluetongue proficiency check test
Bluetongue virus	004-ODV	0.6 ml	Varies	Yes	\$32.00	Type 17
Bluetongue virus	003-ODV	0.6 ml	Varies	Yes	\$32.00	Type 13
Bluetongue virus	002-ODV	0.6 ml	Varies	Yes	\$32.00	Type 11
Bluetongue virus	001-ODV	0.6 ml	Varies	Yes	\$32.00	Type 10
Bluetongue virus	005-ODV	0.6 ml	Varies	Yes	\$32.00	Type 2

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Bluetongue virus (OIE) strong positive reference serum (ELISA, AGID)	904-ODV	2.0 ml	Varies	Yes	\$133.00	Enzyme-linked immunosorbent assay control serum gnotobiotic (OIE). Agar gel immunodiffusion control serum (OIE)
Bluetongue virus (OIE) weak positive reference serum (ELISA, AGID)	905-ODV	2.0 ml	Varies	Yes	\$133.00	Enzyme-linked immunosorbent assay control serum gnotobiotic (OIE). Agar gel immunodiffusion control serum (OIE)
Bluetongue virus antiserum	305-ODV	2.0 ml	Varies	Yes	\$133.00	Type 2 specific--bovine origin
Bluetongue virus antiserum	304-ODV	2.0 ml	Varies	Yes	\$133.00	Type 17 specific--bovine origin
Bluetongue virus antiserum	301-ODV	2.0 ml	Varies	Yes	\$133.00	Type 10 specific--bovine origin
Bluetongue virus antiserum	302-ODV	2.0 ml	Varies	Yes	\$133.00	Type 11 specific--bovine origin
Bluetongue virus antiserum	303-ODV	2.0 ml	Varies	Yes	\$133.00	Type 13 specific--bovine origin
Bluetongue virus fluorescent antibody conjugate	601-ODV	1.0 ml	Varies	Yes	\$76.00	Produced from goat-origin serum
Bluetongue virus strong positive reference serum	902-ODV	2.0 ml	Varies	Yes	\$25.00	Agar gel immunodiffusion control serum--bovine origin
Bluetongue virus weak positive reference serum	903-ODV	2.0 ml	Varies	Yes	\$25.00	Agar gel immunodiffusion control serum--bovine origin
Bovine adenovirus type A	001-BDV	0.6 ml	1	Yes	\$32.00	f/k/a Bovine Adenovirus Type 1, Strain #10--ATCC VR-313
Bovine adenovirus type A antiserum	301-BDV	2.0 ml	Varies	Yes	\$133.00	f/k/a Bovine Adenovirus Type 1 antiserum, Gnotobiotic calf serum
Bovine adenovirus type D	005-BDV	0.6 ml	1	Yes	\$32.00	f/k/a Bovine Adenovirus Type 5, Strain B4/65--ATCC VR-641
Bovine adenovirus type D antiserum	305-BDV	2.0 ml	Varies	Yes	\$133.00	f/k/a Bovine Adenovirus Type 5 antiserum, Gnotobiotic calf serum

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Bovine babesia complement fixation (CF) test negative serum	202-N	1.0 ml	40	Yes	\$19.00	Negative control serum used in the CF test to detect antibodies to babesia bovis and babesia bigemina
Bovine coronavirus	020-BDV	0.6 ml	1	Yes	\$32.00	Nebraska strain
Bovine coronavirus antiserum	320-BDV	2.0 ml	Varies	Yes	\$133.00	Gnotobiotic calf serum
Bovine coronavirus fluorescent antibody conjugate	620-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine enterovirus -1	030-BDV	0.6 ml	Varies	Yes	\$32.00	Strain LCR 4 ATCC VR-248
Bovine enterovirus -1 antiserum	330-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus -2	031-BDV	0.6 ml	Varies	Yes	\$32.00	Strain M2 ATCC VR-754
Bovine enterovirus -2 antiserum	331-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus -3	032-BDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 89 ATCC VR-755
Bovine enterovirus -3 antiserum	332-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus -4	033-BDV	0.6 ml	Varies	Yes	\$32.00	Strain M4 ATCC VR-756
Bovine enterovirus -4 antiserum	333-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus -5	034-BDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 83 ATCC VR-757
Bovine enterovirus -5 antiserum	334-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus -6	035-BDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 42 ATCC VR-758
Bovine enterovirus -6 antiserum	335-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus -7	036-BDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 87 ATCC VR-774
Bovine enterovirus -7 antiserum	336-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine enterovirus antiserum 1-7	337-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source, antiserum pool for virus identification

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Bovine herpesvirus (BHV) 1 virus neutralization (VN) positive control serum	355-BDV	2.0 ml	12	Yes	\$25.00	Positive control serum for BHV-1 (infectious bovine rhinotracheitis) VN test (diluted)
Bovine herpesvirus 1	050-BDV	0.6 ml	1	Yes	\$32.00	Colorado strain (infectious bovine rhinotracheitis)
Bovine herpesvirus 1 antiserum	350-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine herpesvirus 1 fluorescent antibody conjugate	650-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine herpesvirus 2	051-BDV	0.6 ml	1	Yes	\$32.00	New York strain--herpes mammallitis
Bovine herpesvirus 2 antiserum	351-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine herpesvirus 2 fluorescent antibody conjugate	651-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine herpesvirus 2 virus neutralization (VN) positive control serum	356-BDV	2.0 ml	12	Yes	\$25.00	Positive control serum for BHV-2 (bovine herpes mammallitis) VN test (diluted)
Bovine herpesvirus 4	052-BDV	0.6 ml	1	Yes	\$32.00	DN-599--ATCC VR-631
Bovine herpesvirus 4 antiserum	352-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine herpesvirus 4 fluorescent antibody conjugate	652-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine leukosis virus check test	BLV-CHK	N/A	N/A	Yes	\$377.00	Bovine leukosis proficiency check test
Bovine leukosis virus strong positive serum	902-BDV	2.0 ml	Varies	Yes	\$25.00	Bovine origin--agar gel immunodiffusion control
Bovine leukosis virus weak positive serum	903-BDV	2.0 ml	Varies	Yes	\$25.00	Bovine origin--agar gel immunodiffusion control
Bovine negative complement fixation (CF) test antigen	204	1.0 ml	40	Yes	\$286.00	Blood-derived antigen from noninfected cattle, used as a negative control antigen in the CF test for detecting antibodies to bovine Babesia species

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Bovine papular stomatitis virus	080-BDV	0.6 ml	1	Yes	\$32.00	Field isolate--Texas A&M, 1976
Bovine papular stomatitis virus antiserum	380-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine papular stomatitis virus fluorescent antibody conjugate	680-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine parvovirus	090-BDV	0.6 ml	1	Yes	\$32.00	Washington strain
Bovine parvovirus antiserum	390-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine parvovirus fluorescent antibody conjugate	690-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine respiratory syncytial virus	110-BDV	0.6 ml	1	Yes	\$32.00	Strain A51908--ATCC VR-794
Bovine respiratory syncytial virus (BRSV) virus neutralization (VN) positive control serum	415-BDV	2.0 ml	12	Yes	\$25.00	Positive control serum for the BRSV VN test (diluted)
Bovine respiratory syncytial virus antiserum	410-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine respiratory syncytial virus fluorescent antibody conjugate	710-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine rotavirus	130-BDV	0.6 ml	1	Yes	\$32.00	Nebraska strain
Bovine rotavirus antiserum	430-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Bovine rotavirus fluorescent antibody conjugate	730-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Bovine viral diarrhea (BVD) fluorescent antibody (FA) conjugate	244-FA	1.0 ml	Varies	Yes	\$76.00	Porcine origin, use in the BVD FA test to identify cytopathic and noncytopathic strains of BVD virus in infected cell cultures

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Bovine viral diarrhea (BVD) fluorescent antibody (FA) conjugate	243-FA	1.0 ml	Varies	Yes	\$76.00	Bovine origin, use in the BVD FA test to identify cytopathic and noncytopathic strains of BVD virus in infected cell cultures
Bovine viral diarrhea (BVD) type 1 virus neutralization (VN) positive control serum	455-BDV	2.0 ml	12	Yes	\$25.00	Positive control serum for BVD type 1 VN test (diluted)
Bovine viral diarrhea (BVD) type 2 virus neutralization (VN) positive control serum	546-BDV	2.0 ml	12	Yes	\$25.00	Positive control serum for BVD type 2 VN test (diluted)
Bovine viral diarrhea virus (125 strain)	145-BDV	0.6 ml	1	Yes	\$32.00	Strain 125--genotype 2--cytopathic
Bovine viral diarrhea virus (Draper strain)	141-BDV	0.6 ml	1	Yes	\$32.00	Draper strain type 1a--noncytopathic
Bovine viral diarrhea virus (NADL Strain)	143-BDV	0.6 ml	1	Yes	\$32.00	NADL strain type 1a--cytopathic
Bovine viral diarrhea virus (New York -1)	142-BDV	0.6 ml	1	Yes	\$32.00	New York-1 strain type 1b--noncytopathic
Bovine viral diarrhea virus (Oregon strain)	144-BDV	0.6 ml	1	Yes	\$32.00	Oregon C24v strain type 1a--cytopathic
Bovine viral diarrhea virus (Singer strain)	140-BDV	0.6 ml	1	Yes	\$32.00	Singer strain type 1a--cytopathic
Bovine viral diarrhea virus antiserum	440-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source--multivalent
Bovine viral diarrhea virus antiserum	446-BDV	2.0 ml	Varies	Yes	\$110.00	Porcine source--genotype 2-specific
Bovine viral diarrhea virus antiserum	445-BDV	2.0 ml	Varies	Yes	\$110.00	Porcine source--multivalent
Brucella antigen - Brucella abortus card test antigen, buffered Brucella antigen--(BBA), or Rose Bengal (RB) antigen	10-S	60.0 ml	2000	*	\$158.00	Antigen is also used in the rapid automated presumptive (RAP) test

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Brucella antigen - Brucella abortus card test antigen, buffered Brucella antigen--(BBA), or Rose Bengal (RB) antigen	150-AMP	18.0 ml	500	*	\$94.00	Antigen is used with the brucellosis card test kit (150-KIT). 6 ampules @ 3 ml each/box
Brucella antigen - Brucella abortus complement fixation test antigen	3	60.0 ml	Varies	*	\$158.00	Antigen is also used for the standard tube test
Brucella antigen - Brucella abortus plate antigen	1	60.0 ml	500	*	\$158.00	Antigen used in the standard plate test
Brucella antigen - Brucella abortus rapid automated presumptive (RAP) test antigen	10-S	60.0 ml	2000	*	\$158.00	Antigen is also used in the card test
Brucella antigen - Brucella abortus ring test antigen (BRT)	5	60.0 ml	500	*	\$252.00	Antigen used in the brucellosis milk ring test
Brucella antigen - Brucella abortus rivanol plate antigen	6	60.0 ml	500	*	\$158.00	Antigen used in the rivanol plate agglutination test. Rivanol solution is also needed to perform the test.
Brucella antigen - Brucella abortus rivanol solution	7	60.0 ml	150	*	\$31.00	Used in the rivanol plate agglutination test. Three bottles of rivanol solution are needed for each bottle of rivanol antigen.
Brucella antigen - Brucella abortus tube antigen	3	60.0 ml	1500	*	\$158.00	Antigen is also used for the complement fixation test.
Brucella antigen - Brucella canis 2-ME tube agglutination antigen	17	25.0 ml	500	Yes	\$119.00	Antigen used in the B. canis 2-ME tube agglutination test
Brucella antigen - Brucella canis enzyme-linked immunosorbent assay antigen	17-ELA	2.0 ml	Varies	Yes	\$62.00	
Brucella antigen - Brucella ovis complement fixation antigen	9-CF	2.0 ml	Varies	Yes	\$60.00	
Brucella antigen - Brucella ovis ELISA antigen	9-ELA	2.0 ml	Varies	Yes	\$62.00	

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Brucella antigen - Brucellosis card test kit without antigen	150-KIT	N/A	500	*	\$116.00	Kit contains cards, capillary tubes, stirrers, and antigen droppers, use 150-KIT with card test antigen (150-AMP). Only small quantities for research and investigational studies are shipped from the NVSL. Eradication program needs are met through warehouse requests.
Brucella antigen - buffered Brucella antigen	10-G	60.0 ml	2000	*	\$158.00	3% cell concentration for testing small ruminants on the brucella card test
Brucella antigen - buffered Brucella plate antigen (BAPA test)	2	60.0 ml	200	*	\$180.00	
Brucella canis culture	BC-R65	1.0 ml	N/A	Yes	\$239.00	Strain RM6/66, reference strain, ATCC 23365
Brucella control serum - Brucella abortus complement fixation high positive control serum	12-H	2.0 ml	Varies	*	\$126.00	Serum is used in the Brucella abortus complement fixation test to monitor the functioning of test systems.
Brucella control serum - Brucella abortus complement fixation low positive control serum	12-L	2.0 ml	Varies	*	\$126.00	Serum is used in the Brucella abortus complement fixation test to monitor the functioning of test systems.
Brucella control serum - Brucella abortus complement fixation medium positive control serum	12-M	2.0 ml	Varies	*	\$126.00	Serum is used in the Brucella abortus complement fixation test to monitor the functioning of test systems.
Brucella control serum - Brucella abortus complement fixation negative control serum	12-N	2.0 ml	Varies	*	\$38.00	Serum is used in the Brucella abortus complement fixation test to monitor the functioning of test systems.
Brucella control serum - Brucella abortus rapid automated presumptive (RAP) negative control serum	612-RN	5.0 ml	250	*	\$95.00	Serum is used in the Brucella abortus RAP test to monitor the functioning of test systems.

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Brucella control serum - Brucella abortus rapid automated presumptive (RAP) test positive control serum	612-RP	5.0 ml	250	*	\$315.00	Serum is used in the Brucella abortus RAP test to monitor the functioning of test systems.
Brucella control serum - Brucella canis high titer positive control serum	212-H	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Brucella canis 2-ME tube agglutination test to monitor the functioning of the test system.
Brucella control serum - Brucella canis medium titer positive control serum	212-M	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Brucella canis 2-ME tube agglutination test to monitor the functioning of the test system.
Brucella control serum - Brucella canis negative control serum	212-N	1.0 ml	Varies	Yes	\$19.00	Serum is used in the Brucella canis 2-ME tube agglutination test to monitor the functioning of the test system.
Brucella control serum - Brucella monospecific antiserum (A)	312-A	1.0 ml	Varies	Yes	\$54.00	Serum is used in the identification and biotyping of Brucella species
Brucella control serum - Brucella monospecific antiserum (A)	312-A5	5.0 ml	Varies	Yes	\$270.00	Serum is used in the identification and biotyping of Brucella species. Contact lab for pricing.
Brucella control serum - Brucella monospecific antiserum (M)	312-M	1.0 ml	Varies	Yes	\$54.00	Serum is used in the identification and biotyping of Brucella species.
Brucella control serum - Brucella monospecific antiserum (M)	312-M5	5.0 ml	Varies	Yes	\$270.00	Serum is used in the identification and biotyping of Brucella species. Contact lab for pricing.
Brucella control serum - Brucella ovis ELISA low positive control	9-LP	1.0 ml	Varies	Yes	\$63.00	
Brucella control serum - Brucella ovis Hill's complement fixation (CF) high positive control serum	412-H	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Brucella ovis CF test to monitor the functioning of test systems.
Brucella control serum - Brucella ovis Hill's complement fixation (CF) low positive control serum	412-L	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Brucella ovis CF test to monitor the functioning of test systems (4+10).

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Brucella control serum - Brucella ovis Hill's complement fixation (CF) medium positive control serum	412-M	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Brucella ovis CF test to monitor the functioning of test systems (4 + 20).
Brucella control serum - Brucella ovis Hill's complement fixation (CF) negative control serum	412-N	1.0 ml	250	Yes	\$19.00	Serum is used in the Brucella ovis CF test to monitor the functioning of test systems.
Brucella control serum - Brucella suis positive control serum	712	1.0 ml	Varies	Yes	\$63.00	Serum is used to monitor the functioning of test systems when using Brucella abortus serologic tests to diagnose swine brucellosis.
Brucella control serum - Brucella suis, negative control serum	712-N	1.0 ml	Varies	Yes	\$19.00	Swine brucellosis negative control serum
Brucella culture - Brucella abortus strain 1119-3 original seed	16	1.0 ml	N/A	Yes	\$239.00	Culture used for the production of Brucella abortus antigens
Brucella culture - Brucella abortus strain 19 original seed	15	1.0 ml	N/A	Yes	\$239.00	Culture used for the production of Brucella abortus strain 19 vaccine
Brucella neotomae culture	BN-R59	1.0 ml	N/A	Yes	\$239.00	Strain 5K33, reference strain, ATCC 23459
Brucella ovis culture	BO-R40	1.0 ml	N/A	Yes	\$239.00	Strain 63/290, reference strain, ATCC 25840
Brucella phage BK2	BP-BK2	1.0 ml	N/A	Yes	\$239.00	Host strain = B. melitensis strain 16M, low viability
Brucella phage Fi	BP-FI	1.0 ml	N/A	Yes	\$239.00	Host strain = B. abortus strain 19
Brucella phage R/C	BP-RC	1.0 ml	N/A	Yes	\$239.00	Host strain = B. canis strain RM6/66
Brucella phage Tbilisi	BP-TB	1.0 ml	N/A	Yes	\$239.00	Also known as Tb, host strains = B. abortus strains 544 and 19, ATCC 23448-B1
Brucella phage Wb	BP-WB	1.0 ml	N/A	Yes	\$239.00	Host strains = B. abortus strain 19 and B. suis strain 1330

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Brucella proficiency test - Brucella abortus check test serum	512	Varies	Varies	*	\$377.00	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.
Chlamydia complement fixation (CF) antigen (cell culture)	005-RDV	1.0 ml	Varies	Yes	\$53.33	Positive chlamydia CF antigen - cell culture derived (inactivated)
Chlamydia psittaci antiserum	301-RDV	2.0 ml	Varies	Yes	\$133.00	
Chlamydia psittaci fluorescent antibody (FA) conjugate	601-RDV	1.0 ml	Varies	Yes	\$76.00	Use to detect Chlamydia psittaci in infected cells by FA techniques
Chlamydia spp. modifying factor for complement fixation test	302-RDV	1.0 ml	Varies	Yes	\$19.00	Normal chicken serum
Chlamydophila psittaci (cell culture) agent	002-RDV	0.6 ml	1	Yes	\$32.00	Use as a positive control for the isolation of Chlamydia psittaci in cell culture.
Chlamydophila psittaci agent	001-RDV	0.6 ml	Varies	Yes	\$32.00	Parakeet strain 6BC propagated in embryonating chicken eggs.
Chlamydophila psittaci normal antigen for complement fixation test	004-RDV	1.0 ml	Varies	Yes	\$53.33	Normal cell culture antigen
Contagious ecthyma virus	030-ODV	0.6 ml	Varies	Yes	\$32.00	Vaccine strain
Contagious ecthyma virus antiserum	330-ODV	2.0 ml	Varies	Yes	\$133.00	Sheep origin--complement fixation titer 1:40
Contagious ecthyma virus fluorescent antibody conjugate	630-ODV	1.0 ml	150	Yes	\$76.00	Prepared from ovine-origin antiserum
Contagious equine metritis (CEM) - Amies transport medium with charcoal	CEM-001	12 swabs	12	Yes	\$27.00	For transportation of equine swabs to NVSL for CEM culture. Must be refrigerated during shipment.
Culture check test	CUL-CHK	N/A	N/A	Yes	\$182.00	Contact laboratory for information--(515) 663-7565.

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Dourine (Trypanosoma equiperdum) indirect fluorescent antibody (IFA) test antigen slides 6/1/09-Currently Not Available.	160-IFA	10/pkg	6/slide	Yes	\$108.00	6/1/09-Currently Not Available. Blood smear antigen used in the IFA test to detect antibodies to dourine.
Dourine complement fixation test (CF) antigen 6/1/09-Currently Not Available.	160	1.0 ml	50	Yes	\$93.00	6/1/09-Currently Not Available. Antigen is used in the CF test for detection of antibodies to Trypanosoma equiperdum.
Dourine enhancement serum	161-AG	1.0 ml	30	Yes	\$93.00	Enhancement serum for sensitivity control in the agar gel immunodiffusion test
Dourine low positive control serum	161-L	1.0 ml	40	Yes	\$133.00	Low titer positive control serum (titer to 1:20) used in serologic tests to detect antibodies to Trypanosoma equiperdum.
Dourine medium positive control serum	161-M	1.0 ml	40	Yes	\$133.00	Medium positive control serum (titer 1:20 to 1:40) used in serologic tests to detect antibodies to Trypanosoma equiperdum.
Dourine positive control serum	161-H	1.0 ml	40	Yes	\$133.00	High titer positive control serum used in serologic tests to detect antibodies to Trypanosoma equiperdum.
Duck viral enteritis (DVE) fluorescent antibody (FA) conjugate	631-ADV	1.0 ml	Varies	Yes	\$76.00	Use to detect DVE viral antigen in infected cells or tissues by FA techniques (Holland B vaccine strain)
Duck viral enteritis antiserum	331-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in Muscovy ducks against Holland B vaccine strain
Duck viral enteritis virus (vaccine strain)	031-ADV	0.6 ml	1	Yes	\$32.00	Cell culture virus propagated in duck embryo fibroblast cells
Encephalomyocarditis (EMC) virus neutralization (VN) positive control serum	315-MDV	2.0 ml	12	Yes	\$25.00	Positive control serum for EMC VN test (diluted)
Encephalomyocarditis virus (EMC)	001-MDV	0.6 ml	1	Yes	\$32.00	Florida strain, challenge virus for the EMC virus neutralization test

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Encephalomyocarditis virus (Hawaii field isolate)	003-MDV	0.6 ml	1	Yes	\$32.00	Field isolate from Hawaii--1988
Encephalomyocarditis virus (Puerto Rico isolate)	002-MDV	0.6 ml	1	Yes	\$32.00	Field isolate from Puerto Rico--1990
Encephalomyocarditis virus antiserum	301-MDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Encephalomyocarditis virus fluorescent antibody conjugate	601-MDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Eperythrozoon wenyoni agar gel immunodiffusion (AGID) enhancement serum	402-M	1.0 ml	30	Yes	\$565.00	Enhancement serum for use in the AGID test for Eperythrozoon wenyoni detection
Eperythrozoon wenyoni complement fixation (CF) test antigen	400-CF	2.0 ml	20	Yes	\$1,130.00	Antigen used in the CF test to detect antibodies to Eperythrozoon wenyoni
Eperythrozoon wenyoni complement fixation test high titer serum	402-H	1.0 ml	40	Yes	\$133.00	High titer positive control used in serologic tests to detect antibodies to Eperythrozoon wenyoni
Eperythrozoon wenyoni complement fixation test low titer serum	402-L	1.0 ml	40	Yes	\$133.00	Low titer positive control used in serologic tests to detect antibodies to Eperythrozoon wenyoni
Eperythrozoon wenyoni soluble agar gel immunodiffusion (AGID) antigen	400-AG	3.0 ml	60	Yes	\$1,695.00	Antigen used in the AGID test to detect antibodies to Eperythrozoon wenyoni. Contact lab for pricing.
Epizootic hemorrhagic disease virus	040-ODV	0.6 ml	Varies	Yes	\$32.00	Type 1--New Jersey
Epizootic hemorrhagic disease virus	041-ODV	0.6 ml	Varies	Yes	\$32.00	Type 2--Alberta
Epizootic hemorrhagic disease virus antiserum	341-ODV	2.0 ml	Varies	Yes	\$133.00	Type 2 specific--bovine origin
Epizootic hemorrhagic disease virus antiserum	340-ODV	2.0 ml	Varies	Yes	\$133.00	Type 1 specific--bovine origin
Epizootic hemorrhagic disease virus fluorescent antibody conjugate	640-ODV	1.0 ml	Varies	Yes	\$76.00	Produced from goat-origin antiserum

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Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Equine adenovirus	001-EDV	0.6 ml	1	Yes	\$32.00	For production of stock virus
Equine adenovirus antiserum	301-EDV	2.0 ml	Varies	Yes	\$47.00	Positive control for virus neutralization test
Equine adenovirus fluorescent antibody conjugate	601-EDV	1.0 ml	Varies	Yes	\$76.00	For use on cell cultures or tissue sections
Equine herpesvirus (EH) negative control serum	343-EDV	2.0 ml	Varies	Yes	\$38.00	Negative control for the EH virus neutralization test for types 1 and 3
Equine herpesvirus 1 antiserum	340-EDV	2.0 ml	Varies	Yes	\$47.00	Positive control for virus neutralization test
Equine herpesvirus 1 fluorescent antibody conjugate	640-EDV	1.0 ml	Varies	Yes	\$76.00	For use on cell cultures or tissue sections
Equine herpesvirus 1 virus, equine viral rhinopneumonitis	040-EDV	0.6 ml	1	Yes	\$32.00	For production of stock virus
Equine herpesvirus 2 antiserum	341-EDV	2.0 ml	Varies	Yes	\$47.00	Positive control for virus neutralization test
Equine herpesvirus 2 virus, equine cytomegalovirus	041-EDV	0.6 ml	1	Yes	\$32.00	For production of stock virus
Equine herpesvirus 3 antiserum	342-EDV	2.0 ml	Varies	Yes	\$47.00	Positive control for virus neutralization test
Equine herpesvirus 3 virus, equine coital exanthema	042-EDV	0.6 ml	1	Yes	\$32.00	For production of stock virus
Equine infectious anemia check test	EIA-CHK	N/A	N/A	Yes	\$377.00	Proficiency test for equine infectious anemia certification
Equine infectious anemia negative serum	905-EDV	2.0 ml	Varies	Yes	\$38.00	Control for the agar gel immunodiffusion test
Equine infectious anemia strong positive serum	902-EDV	2.0 ml	Varies	Yes	\$47.00	Control for the agar gel immunodiffusion test
Equine infectious anemia weak positive serum	903-EDV	2.0 ml	Varies	Yes	\$47.00	Control for the agar gel immunodiffusion test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Equine influenza antigen type 1 A/Equine/Prague/56	121-IDV	2.0 ml	Varies	Yes	\$27.00	Antigen for type A1 equine influenza. Produced in specific pathogen free eggs.
Equine influenza antigen type 2 Alaska strain A/EQ/AK/29759/91	120-IDV	2.0 ml	Varies	Yes	\$27.00	Antigen for type A2 equine influenza. Produced in specific pathogen free eggs.
Equine influenza antigen type 2 Miami strain A/EQ/Miami/1/63	160-IDV	2.0ml	Varies	Yes	\$27.00	Inactivated virus for the hemagglutination-inhibition test. Antigen for type A2 equine influenza. Produced in specific pathogen free eggs.
Equine influenza virus A-1 Prague	021-IDV	0.6 ml	Varies	Yes	\$32.00	A-1 Prague/56 seed virus
Equine influenza virus A-2 Alaska	020-IDV	0.6 ml	Varies	Yes	\$32.00	A-2 Alaska/91 seed virus
Equine influenza virus A-2 Kentucky	040-IDV	0.6 ml	Varies	Yes	\$32.00	A-2 Kentucky/81 seed virus
Equine influenza virus A-2 Miami	060-IDV	0.6 ml	Varies	Yes	\$32.00	A-2 Miami/63 seed virus
Equine influenza virus antiserum A-1 Prague	321-IDV	2.0 ml	Varies	Yes	\$51.00	A-1 Prague, positive control for hemagglutination-inhibition test
Equine influenza virus antiserum A-2 Alaska	320-IDV	2.0 ml	Varies	Yes	\$51.00	A-2 Alaska, positive control for hemagglutination-inhibition test
Equine influenza virus antiserum A-2 Kentucky	340-IDV	2.0 ml	Varies	Yes	\$51.00	A-2 Kentucky, positive control for hemagglutination-inhibition test
Equine influenza virus antiserum A-2 Miami	360-IDV	2.0 ml	Varies	Yes	\$51.00	A-2 Miami, positive control for hemagglutination-inhibition test
Equine negative serum	76	1.0 ml	40	Yes	\$19.00	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 piroplasmiasis, dourine and glanders.
Equine rhinovirus type I antiserum	360-EDV	2.0 ml	Varies	Yes	\$108.00	Positive control for virus neutralization test
Equine rhinovirus type I virus	060-EDV	0.6 ml	1	Yes	\$32.00	For production of stock virus

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Equine rhinovirus type II antiserum	361-EDV	2.0 ml	Varies	Yes	\$108.00	Positive control for virus neutralization test
Equine rhinovirus type II virus	061-EDV	0.6 ml	1	Yes	\$32.00	For production of viral stock
Equine viral arteritis (EVA) negative control serum	372-EDV	2.0 ml	Varies	Yes	\$38.00	Negative control for the EVA virus neutralization test
Equine viral arteritis antiserum	370-EDV	2.0 ml	Varies	Yes	\$47.00	Positive control for virus neutralization and indirect fluorescent antibody tests
Equine viral arteritis check test	EVA-CHK	N/A	N/A	Yes	\$377.00	Proficiency test for equine viral arteritis
Equine viral arteritis virus	070-EDV	0.6 ml	1	Yes	\$32.00	CVL Bucyrus strain
Flazo orange counterstain	29	3.0 ml	Varies	Yes	\$13.00	Counterstain to quench background fluorescence in fluorescent antibody testing
Fowl pox antiserum	461-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against challenge virus FP 73-1
Fowl pox virus	061-ADV	0.6 ml	Varies	Yes	\$32.00	Virus produced in chicken embryo kidney cells
Glanders complement fixation test (CF) antigen	165	2.0 ml	50	Yes	\$162.00	Antigen is used in the CF test for detecting antibodies to Burkholderia mallei. Use at 1:100 in plates and 1:128 in tubes
Glanders low titer positive control serum	166-L	1.0 ml	40	Yes	\$23.50	Low titer positive control serum used in serologic tests to detect antibodies to Burkholderia mallei
Glanders positive control serum, high titer	166-H	1.0 ml	40	Yes	\$23.50	High titer positive control serum used in serologic tests to detect antibodies to Burkholderia (Pseudomonas) mallei
Glanders positive control serum, low titer, lyophilized	166-LY	1.0 ml	40	Yes	\$23.50	Control serum for the CF test
Goat origin anti-chicken fluorescent antibody (FA) conjugate	291-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with chicken serum

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Goat origin anti-chicken horseradish peroxidase-labeled conjugate	291-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with chicken serum
Goat origin anti-guinea pig fluorescent antibody (FA) conjugate	296-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with guinea pig serum
Goat origin anti-mouse fluorescent antibody (FA) conjugate	221-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with mouse serum
Goat origin anti-mouse horseradish peroxidase-labeled conjugate	221-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with mouse serum
Goat origin anti-porcine fluorescent antibody (FA) conjugate	191-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with porcine serum
Goat origin anti-porcine horseradish peroxidase-labeled conjugate	191-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with porcine serum
Goat origin anti-rabbit fluorescent antibody (FA) conjugate	171-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with rabbit serum
Goat origin anti-rabbit horseradish peroxidase-labeled conjugate	171-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with rabbit serum
Hemagglutinating encephalomyelitis virus (HEV)	001-PDV	0.6 ml	1	Yes	\$32.00	Mengling strain, challenge virus for the HEV hemagglutination-inhibition test
Hemagglutinating encephalomyelitis virus (HEV) positive control serum	315-PDV	2.0 ml	12	Yes	\$25.00	Positive control serum for HEV hemagglutination-inhibition test (diluted)
Hemagglutinating encephalomyelitis virus antiserum	301-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Hemagglutinating encephalomyelitis virus fluorescent antibody conjugate	601-PDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Infectious bronchitis virus	112-ADV	0.6 ml	1	Yes	\$32.00	Virus (Beaudette strain) propagated in chicken embryos

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Infectious bronchitis virus (IBV) antigen (Ark.)	186-ADV	1.0 ml	Varies	Yes	\$32.00	Use in the IBV hemagglutination-inhibition test to detect antibodies to IBV Ark.
Infectious bronchitis virus (IBV) antigen (Conn.)	187-ADV	1.0 ml	Varies	Yes	\$32.00	Use in the IBV hemagglutination-inhibition test to detect antibodies to IBV Conn.
Infectious bronchitis virus (IBV) antigen (JMK)	188-ADV	1.0 ml	Varies	Yes	\$32.00	Use in the IBV hemagglutination-inhibition test to detect antibodies to IBV JMK
Infectious bronchitis virus (IBV) antigen (Mass.)	189-ADV	1.0 ml	Varies	Yes	\$32.00	Use in the IBV hemagglutination-inhibition test to detect antibodies to IBV Mass.
Infectious bronchitis virus (IBV) antiserum	412-ADV	2.0 ml	Varies	Yes	\$51.00	Produced in chickens against Beaudette strain of IBV
Infectious bronchitis virus (IBV) antiserum (Ark.)	486-ADV	2.0 ml	Varies	Yes	\$51.00	Use in the IBV hemagglutination-inhibition test as a positive control serum
Infectious bronchitis virus (IBV) antiserum (Conn.)	487-ADV	2.0 ml	Varies	Yes	\$51.00	Use in the IBV hemagglutination-inhibition test as a positive control serum
Infectious bronchitis virus (IBV) antiserum (JMK)	488-ADV	2.0 ml	Varies	Yes	\$51.00	Use in the IBV hemagglutination-inhibition test as a positive control serum
Infectious bronchitis virus (IBV) antiserum (Mass.)	489-ADV	2.0 ml	Varies	Yes	\$51.00	Use in the IBV hemagglutination-inhibition test as a positive control serum
Infectious bursal disease (IBD) agar gel immunodiffusion (AGID) antigen	123-ADV	1.0 ml	60	Yes	\$32.00	Use to detect antibodies to IBD virus by the AGID test--must be ordered and used in matched sets (same lot numbers) with antiserum 421-ADV.
Infectious bursal disease (IBD) agar gel immunodiffusion (AGID) antiserum	421-ADV	3.0 ml	60	Yes	\$76.50	Use as a positive control serum with IBD AGID antigen--must be ordered and used in matched sets (same lot numbers) with antigen 123-ADV.
Infectious bursal disease (IBD) antiserum	420-ADV	2.0 ml	Varies	Yes	\$51.00	Use as a positive control serum in the IBD indirect fluorescent antibody test
Infectious bursal disease virus (cell culture)	120-ADV	0.6 ml	1	Yes	\$32.00	Cell culture virus (Edgar strain) propagated in chicken embryo cells

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Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Infectious bursal disease virus (embryo)	124-ADV	0.6 ml	1	Yes	\$32.00	Embryo-adapted chicken embryo-propagated virus, NVSL challenge virus strain
Infectious laryngotracheitis (ILT) fluorescent antibody (FA) conjugate	633-ADV	1.0 ml	Varies	Yes	\$76.00	Use to detect ILT viral antigen in infected cell cultures or tissues by FA techniques. NVSL challenge virus strain LT 83-2
Infectious laryngotracheitis virus	033-ADV	0.6 ml	1	Yes	\$32.00	Cell culture virus (strain LT 83-2) propagated in chick embryo kidney cells
Infectious laryngotracheitis virus antiserum	333-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against LT 83-2 strain
Johne's fecal negative controls	MAP-NEG	5.0 ml	1	Yes	\$2.00	Johne's fecal negative controls. Click here for a current list of negative control samples.
Johne's fecal positive controls	MAP-POS	5.0 ml	1	Yes	\$2.00	Johne's fecal positive controls. Click here for a current list of positive control samples.
Leptospira microscopic agglutination negative control serum	LEP-NEG	2.0 ml	Varies	Yes	\$38.00	Used as a negative control for the Leptospira microscopic agglutination test
Leptospira multivalent fluorescent antibody conjugate	LEP-FAC	1.0 ml	Varies	Yes	\$101.00	Rabbit origin multivalent fluorescent antibody conjugate (FITC-bound)
Leptospira reference antiserum, rabbit origin, 200+ strains other than those listed for MAT purposes	LEP-ANT	2.0 ml	Varies	Yes	\$108.00	Reference antiserum for Leptospira generally not used in microscopic agglutination testing; contact laboratory regarding serovar/strain availability at (515) 663-7595.
Leptospira reference cultures, semi-solid or liquid form, 200+ strains other than those listed	LEP-CUL	6.0/10.0 ml	Varies	Yes	\$76.00	Reference strains of Leptospira generally not used in microscopic agglutination testing; contact laboratory regarding serovar/strain availability at (515) 663-7595.
Leptospira reference serovar australis, strain Ballico, liquid culture	ARL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Leptospira reference serovar australis, strain Ballico, rabbit antiserum	ARA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar australis, strain Ballico, semi-solid culture	ARS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar autumnalis, strain Akiyami A, liquid culture	ATL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar autumnalis, strain Akiyami A, rabbit antiserum	ATA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar autumnalis, strain Akiyami A, semi-solid culture	ATS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar ballum, strain S 102, liquid culture	BML-011	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar ballum, strain S 102, rabbit antiserum	BMA-011	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar ballum, strain S 102, semi-solid culture	BMS-011	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar bataviae, strain Van Tienen, liquid culture	BTL-020	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar bataviae, strain Van Tienen, rabbit antiserum	BTA-020	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Leptospira reference serovar bataviae, strain Van Tienen, semi-solid culture	BTS-020	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar bratislava, strain Jez Bratislava, liquid culture	ARL-050	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar bratislava, strain Jez Bratislava, rabbit antiserum	ARA-050	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar bratislava, strain Jez Bratislava, semi-solid culture	ARS-050	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar canicola, strain Hond Utrecht IV, liquid culture	CAL-010	10.0 ml	Varies	Yes	\$76.00	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	\$108.00	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	\$76.00	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	\$76.00	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	\$108.00	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	\$76.00	Semi-solid culture for stock culture purposes

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Leptospira reference serovar grippityphosa, strain Andaman, liquid culture	GRL-020	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar grippityphosa, strain Andaman, rabbit antiserum	GRA-020	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar grippityphosa, strain Andaman, semi-solid culture	GRS-020	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar hardjo, strain Hardjoprajtino, liquid culture	SJL-060	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar hardjo, strain Hardjoprajtino, rabbit antiserum	SJA-060	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar hardjo, strain Hardjoprajtino, semi-solid culture	SJS-060	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar hebdomadis, strain Hebdomadis, liquid culture	HBL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar hebdomadis, strain Hebdomadis, rabbit antiserum	HBA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar hebdomadis, strain Hebdomadis, semi-solid culture	HBS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar pomona, strain Pomona, liquid culture	POL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Leptospira reference serovar pomona, strain Pomona, rabbit antiserum	POA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar pomona, strain Pomona, semi-solid culture	POS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar pyrogenes, strain Salinem, liquid culture	PYL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar pyrogenes, strain Salinem, rabbit antiserum	PYA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar pyrogenes, strain Salinem, semi-solid culture	PYS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar sejroe, strain M 84, liquid culture	SJL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar sejroe, strain M 84, rabbit antiserum	SJA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar sejroe, strain M 84, semi-solid culture	SJS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar szwajizak, strain Szwajizak, liquid culture	MIL-020	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar szwajizak, strain Szwajizak, rabbit antiserum	MIA-020	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Leptospira reference serovar szwajizak, strain Szwajizak, semi-solid culture	MIS-020	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Leptospira reference serovar tarassovi, strain Perepelicin, liquid culture	TAL-010	10.0 ml	Varies	Yes	\$76.00	Liquid culture for use in microscopic agglutination test
Leptospira reference serovar tarassovi, strain Perepelicin, rabbit antiserum	TAA-010	2.0 ml	Varies	Yes	\$108.00	Reference control antiserum for microscopic agglutination test
Leptospira reference serovar tarassovi, strain Perepelicin, semi-solid culture	TAS-010	6.0 ml	Varies	Yes	\$76.00	Semi-solid culture for stock culture purposes
Muscovy duck parvovirus antiserum	436-ADV	2.0 ml	Varies	Yes	\$51.00	
Mycobacterium - Johne's fecal proficiency test kit	JFE-CHK	NA	NA	Yes	\$182.00	26 - 10ml vials of feces. Conducted yearly, contact laboratory at (515) 663-7362 or 7388
Mycobacterium - Johne's ELISA proficiency test	JEL-CHK	NA	NA	Yes	\$377.00	Mycobacterium Johne's ELISA proficiency test
Mycobacterium - Johne's fecal pooling kit	JFE-POL	NA	NA	Yes	\$182.00	25 - 10ml vials of feces. Conducted yearly, contact laboratory at (515) 663-7362 or 7388
Mycobacterium - Johne's fecal sample	COW-JDF	NA	Varies	Yes	\$2.00	Individual well characterized fecal samples from cows naturally infected with Mycobacterium avium ssp. Paratuberculosis. Please contact laboratory for list of available cows.
Mycobacterium antigen - Johne's complement fixation antigen	133-CF	3.0 ml	Varies	Yes	\$90.00	The antigen is used in the Johne's complement fixation test for the serological diagnosis of Mycobacterium paratuberculosis.
Mycobacterium antigen - Johnin purified protein derivative (PPD) tuberculin	134	2.0 ml	20	Yes	\$38.00	PPD Johnin is used in bovine to determine their relative sensitivity to Mycobacteria paratuberculosis by the caudal fold method.

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Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Mycobacterium antigen - mycobacterium avium purified protein derivative (PPD) (export testing)	30-EXP	2.0 ml	20	Yes	\$38.00	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.
Mycobacterium antigen - mycobacterium bovis purified protein derivative (PPD) (caudal fold test)	131-B	10.0 ml	100	*	\$190.00	One mg/ml protein tuberculin is used to test bovine and other species of animals for sensitivity to Mycobacterium bovis tuberculoprotein.
Mycobacterium antigen - mycobacterium bovis purified protein derivative (PPD) (cervical test)	31-CER	2.0 ml	20	*	\$38.00	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.
Mycobacterium antigen - mycobacterium paratuberculosis (Johnin) old tuberculin (OT) intradermic	133-L	10.0 ml	100	Yes	\$250.00	Johnin OT is used to test bovine and other species animals for sensitivity to Mycobacterium paratuberculosis tuberculoprotein.
Mycobacterium antigen - mycobacterium paratuberculosis (Johnin) old tuberculin (OT) intradermic	133	2.0 ml	20	Yes	\$50.00	Johnin OT is used to test bovine and other species of animals for sensitivity to Mycobacterium paratuberculosis tuberculoprotein.
Mycobacterium antigen - purified protein derivative (PPD) avian balanced tuberculin (comparative cervical test)	30-BAL	1.0 ml	10 Max.	*	\$19.00	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
Mycobacterium antigen - purified protein derivative (PPD) bovis balanced tuberculin (comparative cervical test)	31-BAL	1.0 ml	10 Max.	*	\$19.00	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.
Mycobacterium avium paratuberculosis cells	MAP-CEL		NA	Yes	\$27.00	Mycobacterium avium paratuberculosis cells

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Mycobacterium avium ssp. Paratuberculosis manual	MAP-MAN	NA	NA	Yes	\$81.00	Manual titled "Laboratory Methods for Isolation and Identification of Mycobacterium avium spp. Paratuberculosis (Johne's Disease)"
Mycobacterium bovis serum panel	SBP-MB	10 samples	NA	Yes	\$54.00	Set of 10 0.5ml serum samples characterized by histopathology, mycobacterium culture, and/or skin test results. Contact lab for specifics on available samples (515) 663-7966.
Mycobacterium control serum - Johne's complement fixation negative serum	133-N	2.0 ml	Varies	Yes	\$38.00	Serum is used in the Johne's disease complement fixation test to monitor the functioning of the test system.
Mycobacterium control serum - Johne's complement fixation positive serum	133-P	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Johne's disease complement fixation test to monitor the functioning of the test system.
Mycobacterium control serum - Johne's enzyme-linked immunosorbent assay (ELISA) high positive control serum	137-HP	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Johne's ELISA test to monitor the functioning of test systems
Mycobacterium control serum - Johne's enzyme-linked immunosorbent assay (ELISA) low positive 1 control serum	137-LP1	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Johne's ELISA test to monitor the functioning of test systems
Mycobacterium control serum - Johne's enzyme-linked immunosorbent assay (ELISA) low positive 2 control serum	137-LP2	1.0 ml	Varies	Yes	\$63.00	Serum is used in the Johne's ELISA test to monitor the functioning of test systems
Mycobacterium control serum - Johne's enzyme-linked immunosorbent assay (ELISA) negative control serum	137-N	2.0 ml	Varies	Yes	\$38.00	Serum is used in the Johne's ELISA test to monitor the functioning of test systems
Mycoplasma - chicken serum, negative for Mycoplasma antibodies	119	2.0 ml	Varies	Yes	\$38.00	Used as a negative control in plate or hemagglutination-inhibition test

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Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Mycoplasma - turkey serum, negative for Mycoplasma antibodies	109	2.0 ml	Varies	Yes	\$38.00	Used as a negative control in plate or hemagglutination-inhibition tests
Mycoplasma gallisepticum hemagglutination antigen	100	5.0 ml	Varies	Yes	\$188.00	Used to detect antibodies in poultry serum by hemagglutination-inhibition test
Mycoplasma gallisepticum positive control serum, chicken origin, for use in plate test	104-P	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in the plate test; plate test antigen is available commercially.
Mycoplasma gallisepticum positive control serum, chicken origin, range in titer of 1:160 - 1:320	104-M	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma gallisepticum positive control serum, chicken origin, range in titer of 1:40 - 1:80	104-L	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma gallisepticum positive control serum, chicken origin, range in titer of 1:640 - 1:1280	104-H	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma gallisepticum positive control serum, turkey origin, for use in plate test	103-P	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in the plate test; plate test antigen is available commercially.
Mycoplasma gallisepticum positive control serum, turkey origin, range in titer of 1:160 - 1:320	103-M	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma gallisepticum positive control serum, turkey origin, range in titer of 1:40 - 1:80	103-L	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma gallisepticum positive control serum, turkey origin, range in titer of 1:640 - 1:1280	103-H	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Mycoplasma meleagridis hemagglutination antigen	110	5.0 ml	Varies	Yes	\$188.00	Used to detect antibodies in poultry serum by hemagglutination-inhibition test
Mycoplasma meleagridis positive control serum, turkey origin, for use in plate test	113-P	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in the plate test; plate test antigen is available commercially.
Mycoplasma meleagridis positive control serum, turkey origin, range in titer of 1:160 - 1:320	113-M	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma meleagridis positive control serum, turkey origin, range in titer of 1:40 - 1:80	113-L	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma meleagridis positive control serum, turkey origin, range in titer of 1:640 - 1:1280	113-H	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma synoviae conjugate (chicken serum)	MS-C	0.5 ml	Varies	Yes	\$50.50	Fluorescent antibody conjugate for confirmation of Mycoplasma synoviae
Mycoplasma synoviae conjugate (rabbit serum)	MS-R	0.5 ml	Varies	Yes	\$50.50	Fluorescent antibody conjugate for confirmation of Mycoplasma synoviae
Mycoplasma synoviae fluorescent antibody conjugate	MSR-FAC	.5 ml	Varies	Yes	\$50.50	Rabbit origin multivalent fluorescent antibody conjugate (FITC bound)
Mycoplasma synoviae fluorescent antibody conjugate	MSC-FAC	.5 ml	Varies	Yes	\$50.50	Chicken origin multivalent fluorescent antibody conjugate (FITC bound)
Mycoplasma synoviae hemagglutination antigen	120	5.0 ml	Varies	Yes	\$188.00	Used to detect antibodies in poultry serum by hemagglutination-inhibition test
Mycoplasma synoviae positive control serum, chicken origin, for use in plate test	124-P	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in the plate test; plate test antigen is available commercially.

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Mycoplasma synoviae positive control serum, chicken origin, range in titer of 1:160 - 1:320	124-M	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma synoviae positive control serum, chicken origin, range in titer of 1:40 - 1:80	124-L	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma synoviae positive control serum, chicken origin, range in titer of 1:640 - 1:1280	124-H	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma synoviae positive control serum, turkey origin, for use in plate test	123-P	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in the plate test; plate test antigen is available commercially.
Mycoplasma synoviae positive control serum, turkey origin, range in titer of 1:160 - 1:320	125-M	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma synoviae positive control serum, turkey origin, range in titer of 1:40 - 1:80	125-L	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Mycoplasma synoviae positive control serum, turkey origin, range in titer of 1:640 - 1:1280	125-H	2.0 ml	Varies	Yes	\$100.00	Used as a positive control serum in hemagglutination-inhibition test
Newcastle disease antigen	136-ADV	2.0 ml	Varies	Yes	\$64.00	For use in the hemagglutination and hemagglutination-inhibition tests. Beta-propiolactone inactivated (LaSota strain)
Newcastle disease antiserum	433-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against New Jersey-Roakin strain
Newcastle disease transcribed RNA	200-ADV	0.05 ml	Varies	*	\$81.00	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

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Newcastle disease virus	132-ADV	0.6 ml	1	Yes	\$32.00	Virus (LaSota strain) propagated in chick embryos
Normal specific pathogen free chicken serum	907-ADV	5.0 ml	Varies	Yes	\$95.00	Used as a negative control serum for avian serology
Normal turkey serum	906-ADV	0.6 ml	Varies	Yes	\$11.40	Used as a negative control serum for avian serology
Ovine progressive pneumonia/caprine arthritis encephalitis strong positive reference serum	410-CDV	2.0 ml	Varies	Yes	\$25.00	Ovine origin--agar gel immunodiffusion control
Parainfluenza-3 (PI-3) virus neutralization (VN) positive control serum	475-BDV	2.0 ml	12	Yes	\$25.00	Positive control serum for the PI-3 VN test (diluted)
Parainfluenza-3 virus	170-BDV	0.6 ml	1	Yes	\$32.00	SF-4 strain
Parainfluenza-3 virus antiserum	470-BDV	2.0 ml	Varies	Yes	\$133.00	Bovine source
Parainfluenza-3 virus fluorescent antibody conjugate	770-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Pasteurella multocida type 1 antiserum	20-T1	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 1, reference culture X-73	21-T1	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 10 antiserum	20-T10	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 10, reference culture P-2100	21-T10	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 11 antiserum	20-T11	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 11, reference culture P-903	21-T11	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Pasteurella multocida type 12 antiserum	20-T12	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 12, reference culture P-1573	21-T12	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 13 antiserum	20-T13	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 13, reference culture P-1591	21-T13	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 14 antiserum	20-T14	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 14, reference culture P-2225	21-T14	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 15 antiserum	20-T15	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 15, reference culture P-2237	21-T15	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 16 antiserum	20-T16	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 16, reference culture P-2723	21-T16	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 2 antiserum	20-T2	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 2, reference culture M-1404	21-T2	5.0 ml	Varies	Yes	\$76.00	USDA permit required. Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 3 antiserum	20-T3	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Pasteurella multocida type 3, reference culture P-1059	21-T3	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 4 antiserum	20-T4	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 4, reference culture P-1662	21-T4	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 5 antiserum	20-T5	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 5, reference culture P-1702	21-T5	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 6 antiserum	20-T6	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 6, reference culture P-2192	21-T6	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 7 antiserum	20-T7	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 7, reference culture P-1997	21-T7	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 8 antiserum	20-T8	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 8, reference culture P-1581	21-T8	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test
Pasteurella multocida type 9 antiserum	20-T9	1.0 ml	Varies	Yes	\$50.00	Reference control antiserum for use in the gel diffusion precipitin test
Pasteurella multocida type 9, reference culture P-2095	21-T9	5.0 ml	Varies	Yes	\$76.00	Used to prepare reference control antigen for the gel diffusion precipitin test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Pigeon paramyxovirus type 1 antigen	038-ADV	2.0 ml	Varies	Yes	\$64.00	Use in the hemagglutination and the hemagglutination-inhibition tests. Beta-propiolactone inactivated
Polysorbate-80 bovine albumin medium (P-80 BA)	LTM-10	10.0 ml	Varies	Yes	\$4.50	Medium used to propagate Leptospira for use in microscopic agglutination testing
Polysorbate-80 bovine albumin medium (P-80 BA)	LTM-100	100.0 ml	Varies	Yes	\$45.00	Medium used to propagate Leptospira for use in microscopic agglutination testing
Polysorbate-80 bovine albumin medium (P-80 BA)	LTM-5	5.0 ml	Varies	Yes	\$2.25	Medium used to propagate Leptospira for use in microscopic agglutination testing
Porcine adenovirus	030-PDV	0.6 ml	1	Yes	\$32.00	
Porcine adenovirus antiserum	330-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Porcine adenovirus fluorescent antibody conjugate	630-PDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Porcine enterovirus - A	059-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 32 (formerly PEV-8a)
Porcine enterovirus - A	061-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 30 (formerly PEV-8c)
Porcine enterovirus - A	058-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 27 (formerly PEV-8)
Porcine enterovirus - A	060-PDV	0.6 ml	Varies	Yes	\$32.00	ECPO 1 (formerly PEV-8b)
Porcine enterovirus - A antiserum	360-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-8b)
Porcine enterovirus - A antiserum	359-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-8a)
Porcine enterovirus - A antiserum	358-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-8)
Porcine enterovirus - A antiserum	361-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-8c)
Porcine enterovirus - A pooled antiserum	364-PDV	2.0 ml	Varies	Yes	\$110.00	Antiserum pool for virus identification (formerly PEV 8-8c)

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Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Porcine enterovirus - A/teschovirus antiserum	362-PDV	2.0 ml	Varies	Yes	\$110.00	Antiserum pool for virus identification (formerly PEV1-8c)
Porcine parvovirus (PPV)	080-PDV	0.6 ml	Varies	Yes	\$32.00	NADL-1 (Mengeling) strain, challenge virus for the PPV hemagglutination-inhibition test
Porcine parvovirus (PPV) hemagglutination-inhibition positive control serum	385-PDV	2.0 ml	12	Yes	\$25.00	Positive control serum for PPV hemagglutination-inhibition test (diluted)
Porcine parvovirus antiserum	380-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Porcine parvovirus fluorescent antibody conjugate	680-PDV	1.0 ml	Varies	Yes	\$76.00	For cell culture staining
Porcine reovirus	100-PDV	0.6 ml	1	Yes	\$32.00	Type 3
Porcine reovirus antiserum	400-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Porcine reovirus fluorescent antibody conjugate	700-PDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Porcine reproductive and respiratory syndrome (PRRS) monoclonal antibody	635-PDV	1.0 ml	Varies	Yes	\$106.00	Mouse anti-PRRS antibodies for antigen detection
Porcine reproductive and respiratory syndrome antiserum (European N strain)	460-PDV	2.0 ml	Varies	Yes	\$110.00	European N strain, undiluted antiserum
Porcine reproductive and respiratory syndrome antiserum (NVSL strain)	430-PDV	2.0 ml	Varies	Yes	\$110.00	NVSL (North American) strain, undiluted antiserum
Porcine reproductive and respiratory syndrome check test	PRR-IFA	N/A	N/A	Yes	\$377.00	Indirect fluorescent antibody test
Porcine reproductive and respiratory syndrome check test	PRR-ELI	N/A	N/A	Yes	\$377.00	Enzyme-linked immunosorbent assay

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Porcine reproductive and respiratory syndrome indirect immunofluorescent assay (IFA) negative control serum	535-PDV	2.0 ml	12	Yes	\$38.00	Negative control serum for the IFA test, both NVSL and European strains
Porcine reproductive and respiratory syndrome indirect immunofluorescent assay (IFA) positive control serum (European N strain)	345-PDV	2.0 ml	12	Yes	\$25.00	European N strain, positive control serum for the IFA test (diluted)
Porcine reproductive and respiratory syndrome indirect immunofluorescent assay (IFA) positive control serum (NVSL strain)	335-PDV	2.0 ml	12	Yes	\$25.00	NVSL (North American) strain, positive control serum for the IFA test (diluted)
Porcine reproductive and respiratory syndrome infected MARC-145 cells	150-MDV	set/2 slides	N/A	Yes	\$27.00	European N strain, 8-chambered slides for indirect immunofluorescent assay testing (acetone-fixed)
Porcine reproductive and respiratory syndrome infected MARC-145 cells	130-MDV	set/2 slides	N/A	Yes	\$27.00	NVSL (North American) strain, 8-chambered slides for indirect immunofluorescent assay testing (acetone-fixed)
Porcine reproductive and respiratory syndrome virus (NVSL strain)	130-PDV	0.6 ml	1	Yes	\$32.00	NVSL (North American) strain, for preparation of indirect immunofluorescent assay slides
Porcine rotavirus	110-PDV	0.6 ml	1	Yes	\$32.00	Bohl's strain
Porcine rotavirus antiserum	410-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Porcine rotavirus fluorescent antibody conjugate	710-PDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Porcine rotavirus positive control tissue	111-PDV	1-2 g	Varies	Yes	\$63.00	Intestine--fluorescent antibody control
Porcine teschovirus -1	051-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 34 (formerly PEV-1)
Porcine teschovirus -1 antiserum	351-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-1)

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Porcine teschovirus -2	052-PDV	0.6 ml	Varies	Yes	\$32.00	Strain 03B (formerly PEV-2)
Porcine teschovirus -2 antiserum	352-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-2)
Porcine teschovirus -3	053-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 14 (formerly PEV-3)
Porcine teschovirus -3 antiserum	353-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-3)
Porcine teschovirus -4	054-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 36 (formerly PEV-4)
Porcine teschovirus -4 antiserum	354-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-4)
Porcine teschovirus -5	055-PDV	0.6 ml	Varies	Yes	\$32.00	Strain F-12 (formerly PEV-5)
Porcine teschovirus -5 antiserum	355-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-5)
Porcine teschovirus -6	056-PDV	0.6 ml	Varies	Yes	\$32.00	Strain PS 37 (formerly PEV-6)
Porcine teschovirus -6 antiserum	356-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-6)
Porcine teschovirus -7	057-PDV	0.6 ml	Varies	Yes	\$32.00	Strain WR 2 (formerly PEV-7)
Porcine teschovirus -7 antiserum	357-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source (formerly PEV-7)
Porcine teschovirus antiserum 1-7	363-PDV	2.0 ml	Varies	Yes	\$110.00	Antiserum pool for virus identification (formerly PEV 1-7)
Porcine teschovirus/enterovirus - A antiserum 1-8c	362-PDV	2.0 ml	Varies	Yes	\$110.00	Antiserum pool for virus identification (formerly PEV1-8c)
Potomac horse fever antiserum	380-EDV	2.0 ml	Varies	Yes	\$47.00	Positive control for indirect fluorescent antibody test
Potomac horse fever negative control serum	381-EDV	2.0 ml	Varies	Yes	\$38.00	Negative control for the indirect fluorescent antibody test
Pseudocowpox virus	100-BDV	0.6 ml	1	Yes	\$32.00	Field isolate--NVSL accession number 73-9543
Pseudocowpox virus antiserum, bovine source	400-BDV	2.0 ml	Varies	Yes	\$133.00	

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Pseudocowpox virus antiserum, porcine source	401-BDV	2.0 ml	Varies	Yes	\$133.00	
Pseudocowpox virus fluorescent antibody conjugate	700-BDV	1.0 ml	Varies	Yes	\$76.00	Bovine source
Pseudorabies check test (Aujesky's)	PRV-GB	N/A	N/A	*	\$377.00	Enzyme-linked immunsorbent assay (gB) U.S. must be an APHIS approved laboratory or in the process of becoming approved. Contact DVL/BP Section Head.
Pseudorabies check test (Aujeszky's)	PRV-GP1	N/A	N/A	*	\$377.00	Enzyme-linked immunosorbent assy (gI) U.S.: must be an APHIS approved laboratory or in the process of becoming approved. Contact DVL/BP Section Head.
Pseudorabies check test (Aujeszky's)	PRV-VNT	N/A	N/A	*	\$377.00	Virus neutralization check test. U.S.: must be an APHIS approved laboratory or in the process of becoming approved. Contact DVL/BP Section Head.
Pseudorabies check test (Aujeszky's)	PRV-CH1	N/A	N/A	*	\$377.00	Enzyme-linked immunosorbent assay latex agglutination test. U.S. must be an APHIS approved laboratory or in the process of becoming approved. Contact DVL/BP Section Head.
Pseudorabies virus (Aujeszky's)	070-PDV	0.6 ml	1	*	\$32.00	Shope strain, challenge virus for the pseudorabies virus neutralization test. U.S.: Must be an APHIS-approved laboratory or in the process of becoming approved. Contact DVL/BP Section Head.
Pseudorabies virus antiserum (Aujeszky's)	370-PDV	2.0 ml	Varies	*	\$110.00	Porcine source
Pseudorabies virus fluorescent antibody conjugate (Aujeszky's)	670-PDV	1.0 ml	Varies	*	\$76.00	Porcine source
Pseudorabies virus neutralization (VN) positive control serum	375-PDV	2.0 ml	12	*	\$25.00	Positive control serum for pseudorabies VN test (diluted). U.S.: must be an APHIS-approved laboratory. Contact DVL/BP Section Head.

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Pseudorabies virus positive control tissue (Aujeszky's)	075-PDV	1-2 g	Varies	*	\$63.00	Tonsil--fluorescent antibody control.
Psittacine herpesvirus	037-ADV	0.6 ml	1	Yes	\$32.00	Cell culture virus (NVSL strain 77-4441) propagated in chicken embryo kidney cells
Psittacine herpesvirus (PHV) fluorescent antibody (FA) conjugate	637-ADV	1.0 ml	Varies	Yes	\$76.00	Use to detect PHV viral antigen in infected cell cultures or tissues by FA techniques. NVSL 77-4441 strain
Psittacine herpesvirus antiserum	337-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens against NVSL strain 77-4441
Quail bronchitis (avian adenovirus group 1) antiserum	302-ADV	2.0 ml	Varies	Yes	\$51.00	Antiserum prepared in chickens
Quail bronchitis virus (avian adenovirus group 1)	002-ADV	0.6 ml	1	Yes	\$32.00	Cell culture virus propagated in chick embryo kidney cells
Rabbit origin anti-bovine fluorescent antibody (FA) conjugate	81-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with bovine serum
Rabbit origin anti-bovine horseradish peroxidase-labeled conjugate	81-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with bovine serum
Rabbit origin anti-equine fluorescent antibody (FA) conjugate	71-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with equine serum
Rabbit origin anti-equine horseradish peroxidase-labeled conjugate	71-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with equine serum
Rabbit origin anti-goat fluorescent antibody (FA) conjugate	176-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with goat serum
Rabbit origin anti-goat horseradish peroxidase-labeled conjugate	176-R2	1.0 ml	Varies	Yes	\$76.00	Use in enzyme immunoassays with goat serum
Rabbit origin anti-guinea pig fluorescent antibody (FA) conjugate	196-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with guinea pig serum

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Rabbit origin anti-mouse fluorescent antibody (FA) conjugate	211-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with mouse serum
Rabbit origin anti-sheep fluorescent antibody (FA) conjugate	181-FA	1.0 ml	Varies	Yes	\$76.00	Use in indirect FA tests with sheep serum
Salmonella pullorum high titer control antiserum	28-H	2.0 ml	40	Yes	\$100.00	Used as positive control serum with NVSL products 28 and 28-P
Salmonella pullorum low titer control antiserum	28-L	2.0 ml	40	Yes	\$100.00	Used as positive control serum with NVSL product 28
Salmonella pullorum negative control antiserum	28-N	2.0 ml	40	Yes	\$38.00	Used as negative control serum with NVSL products 28 and 28-P
Salmonella pullorum stained microtiter antigen	28	25.0 ml	500	Yes	\$80.00	Stained antigen used to detect antibody to the somatic antigens of Salmonella pullorum
Salmonella pullorum tube test antigen	28-P25	25.0 ml	200	Yes	\$285.00	Used for detection of antibody against Salmonella pullorum somatic antigens
Salmonella pullorum tube test antigen	28-P	5.0 ml	40	Yes	\$57.00	Used for detection of antibody against Salmonella pullorum somatic antigens
Swine Influenza 2009 H1N1 positive control RNA for N1 PCR	305-IDV	1.5 ml	625	*	\$81.00	Swine Influenza 2009 H1N1 positive control RNA for N1 PCR
Swine influenza virus (SIV) antigen H1N1	026-IDV	2.0 ml	Varies	Yes	\$64.00	A/SW/Iowa/73 -- H1N1 strain, use in the SIV hemagglutination-inhibition test. Beta-propiolactone inactivated.
Swine influenza virus (SIV) antigen H3N2 (NC)	025-IDV	2.0 ml	Varies	Yes	\$64.00	Beta-propiolactone inactivated, A/SW/NC/35922/98. Use in the SIV hemagglutination-inhibition test
Swine influenza virus (SIV) antigen H3N2 (Tex)	023-IDV	2.0 ml	Varies	Yes	\$64.00	A/SW/TX/1/98 strain, use in the SIV hemagglutination-inhibition test. Beta-propiolactone inactivated.

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Swine influenza virus (SIV) antigen variant rH1N1 (NC)	027-IDV	2.0 ml	Varies	Yes	\$64.00	A/SW/NC/18893/01 strain. Use in the SIV H1N1 hemagglutination-inhibition test. Beta-propiolactone inactivated.
Swine influenza virus (SIV) antiserum H1N1	301-IDV	2.0 ml	Varies	Yes	\$110.00	A/SW/Iowa/73, porcine source
Swine influenza virus (SIV) antiserum H3N2 (NC)	326-IDV	2.0 ml	Varies	Yes	\$51.00	A/SW/NC/35922/98 strain, specific pathogen free, chicken origin
Swine influenza virus (SIV) antiserum H3N2 (NC)	325-IDV	2.0 ml	varies	Yes	\$110.00	A/SW/NC/35922/98 strain, porcine origin. Use as a positive control serum in the SIV hemagglutination-inhibition test.
Swine influenza virus (SIV) antiserum H3N2 (Tex)	323-IDV	2.0 ml	Varies	Yes	\$51.00	A/SW/TX/1/98 strain, specific pathogen free, chicken origin
Swine influenza virus (SIV) antiserum H3N2 (TX)	324-IDV	2.0 ml	varies	Yes	\$110.00	A/SW/TX/1/98 strain, porcine origin, use as a positive control serum in the SIV hemagglutination-inhibition test
Swine influenza virus (SIV) fluorescent antibody conjugate H1N1	601-IDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Swine influenza virus (SIV) H1N1	003-IDV	0.6 ml	1	Yes	\$32.00	A/SW/Iowa/73--H1N1, challenge virus for the swine influenza hemagglutination-inhibition test
Swine influenza virus (SIV) H3N2 (TX)	123-IDV	0.6 ml	1	Yes	\$32.00	A/SW/TX/1/98 strain
Swine influenza virus (SIV) hemagglutination-inhibition positive control serum (H1N1)	375-IDV	2.0 ml	12	Yes	\$25.00	Positive control serum (H1N1) for SIV hemagglutination-inhibition test (diluted)
Swine influenza virus (SIV) positive control tissue H1N1	222-IDV	1-2 g	Varies	Yes	\$63.00	Lung--fluorescent antibody control
Swine influenza virus (SIV) rH1N1 (NC variant)	127-IDV	0.6 ml	Varies	Yes	\$32.00	A/Swine/NC/18893/01
Swine pox virus	002-PDV	0.6 ml	Varies	Yes	\$32.00	Challenge virus - lab strain

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Swine pox virus antiserum	302-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Swine pox virus fluorescent antibody conjugate	602-PDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Transcribed AIV H5 RNA	202-ADV	0.05 ml	Varies	*	\$81.00	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
Transcribed AIV H7 RNA	201-ADV	0.05 ml	Varies	*	\$81.00	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.
Transcribed AIV matrix RNA	203-ADV	0.05 ml	Varies	*	\$81.00	Positive control for AIV matrix RRT-PCR. Transcribed RNA was prepared with PAMP1 plasmid containing the matrix gene of CK/PA/13552-1/98
Transcribed NDV RNA	200-ADV	0.05 ml	Varies	*	\$81.00	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.
Transmissible gastroenteritis (TGE) virus	020-PDV	0.6 ml	1	Yes	\$32.00	Purdue strain, challenge virus for the TGE virus neutralization test
Transmissible gastroenteritis (TGE) virus neutralization (VN) positive control serum	325-PDV	2.0 ml	12	Yes	\$25.00	Positive control serum for TGE VN test (diluted)
Transmissible gastroenteritis virus antiserum	320-PDV	2.0 ml	Varies	Yes	\$110.00	Porcine source
Transmissible gastroenteritis virus fluorescent antibody conjugate	620-PDV	1.0 ml	Varies	Yes	\$76.00	Porcine source
Transmissible gastroenteritis virus positive control tissue	021-PDV	1-2 g	Varies	Yes	\$63.00	Intestine--fluorescent antibody control

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Vesicular stomatitis (VS) CF modifying factor	376-VDV	2.0 ml	NA	Yes	\$38.00	
Vesicular stomatitis (VS) complement fixation (CF) antigen Indiana	069-VDV	1.0 ml	6	Yes	\$32.00	Challenge virus for the VS Indiana CF test
Vesicular stomatitis (VS) complement fixation (CF) antigen New Jersey	075-VDV	1.0 ml	6	Yes	\$32.00	Challenge virus for the VS New Jersey CF test
Vesicular stomatitis (VS) complement fixation (CF) guinea pig complement	068-VDV	0.6 ml	NA	Yes	\$11.40	Guinea pig complement for VS CF tests
Vesicular stomatitis (VS) complement fixation (CF) Indiana positive control serum (bovine)	374-VDV	2.0 ml	12	Yes	\$25.00	Positive control serum for VS Indiana CF test (diluted)
Vesicular stomatitis (VS) complement fixation (CF) Indiana positive control serum (equine)	369-VDV	2.0 ml	12	Yes	\$25.00	Positive control serum for VS Indiana CF test (diluted)
Vesicular stomatitis (VS) complement fixation (CF) negative control serum	491-BDV	2.0 ml	12	Yes	\$38.00	Negative control serum for VS CF tests, bovine origin
Vesicular stomatitis (VS) complement fixation (CF) negative control serum	490-BDV	2.0 ml	12	Yes	\$38.00	Negative control serum for VS CF tests, equine origin
Vesicular stomatitis (VS) complement fixation (CF) New Jersey positive control serum (bovine)	368-VDV	2.0 ml	12	Yes	\$25.00	Positive control serum for VS New Jersey CF test (diluted)
Vesicular stomatitis (VS) complement fixation (CF) New Jersey positive control serum (equine)	375-VDV	2.0 ml	12	Yes	\$25.00	Positive control serum for VS New Jersey CF test (diluted)
Vesicular stomatitis (VS) normal mouse brain complement fixation antigen	074-VDV	1.0 ml	6	Yes	\$32.00	Normal antigen for vesicular stomatitis complement fixation test

Reagent Name	Reagent Code	Amount/ Vial	Tests/ Vial	Billable	2010 Fee	Reagent Description
Vesicular stomatitis (VS) virus neutralization (VN) check test	VS-VN	NA	NA	Yes	\$377.00	Virus neutralization check test
Vesicular stomatitis (VS) virus neutralization (VN) Indiana positive control serum	470-VDV	2.0 ml	12	Yes	\$25.00	Positive control serum for VS Indiana virus neutralization test (diluted)
Vesicular stomatitis (VS) virus neutralization (VN) negative control serum	480-BDV	2.0 ml	12	Yes	\$38.00	Negative control serum for VS VN tests (diluted), bovine origin
Vesicular stomatitis (VS) virus neutralization (VN) New Jersey positive control serum	473-VDV	2.0 ml	12	Yes	\$25.00	Positive control serum for VS New Jersey VN test (diluted)
Vesicular stomatitis (VS) virus, Indiana (IN)	070-VDV	0.6 ml	1	Yes	\$32.00	Chimayo strain, challenge virus for the VS(IN) virus neutralization test
Vesicular stomatitis (VS) virus, New Jersey (NJ)	073-VDV	0.6 ml	1	Yes	\$32.00	Atlanta strain, challenge virus for the VS(NJ) virus neutralization test
West Nile antiserum for virus neutralization (VN) control (horse)	336-EDV	2.0 ml	Varies	Yes	\$324.00	Use as a positive control serum for performing VN or plaque reduction neutralization test for West Nile. Contact laboratory for pricing.
West Nile antiserum IgM capture ELISA (horse)	335-EDV	1.0 ml	Varies	Yes	\$162.00	Use as a positive control serum for IgM capture ELISA test system for equine. Contact laboratory for pricing.
West Nile equine IgM low positive	330-EDV	0.5 ml	Varies	Yes	\$81.00	Use as a low control serum for IgM ELISA test for equine. Contact laboratory for pricing.
West Nile negative antiserum for IgM capture ELISA (horse)	305-EDV	1.0 ml	Varies	Yes	\$19.00	Use as a negative control serum for IgM capture ELISA test system for equine
West Nile negative antiserum for virus neutralization (VN) (horse)	306-EDV	2.0 ml	Varies	Yes	\$38.00	Use as a negative control serum for performing VN or plaque reduction neutralization test for West Nile
West Nile viral ribonucleic acid (RNA)	204-EDV	NA	Varies	Yes	\$27.00	Use as a positive control for performing a PCR test for West Nile virus

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