

DIAGNOSTIC TESTING

PROVIDED BY THE

NATIONAL VETERINARY SERVICES LABORATORIES

NATIONAL BIO AND AGRO-DEFENSE / PLUM ISLAND ANIMAL DISEASE CENTER

For specific incoming sample notices, testing or reporting inquiries, please direct those questions to the appropriate laboratory, as listed in the *Testing Lab* column

- For **DVL** testing, direct your inquiries to: NVSL.DVL.TeamLeads@usda.gov
- For **FADDL** testing, direct your inquiries to: FAD.Submissions@usda.gov
- For **DBRL/SERO** testing, direct your inquiries to: NVSL.Serology@usda.gov
- For **DBPL/MB** testing, direct your inquiries to: NVSL-MB.caseManager@usda.gov
- For **DBPL/BI** testing, direct your inquiries to: NVSL.Bacteriology.Case.Manager@usda.gov
- For **DBPL/PATH** testing, direct your inquiries to: Pathology.Case.Manager@usda.gov

*Test start date may be dependent on day of week and time of day samples arrive at the specific testing laboratory – not the National Veterinary Services Laboratories as a whole. If results are required by a specific date, please contact NVSL prior to shipping.

** Indicates the disease is an exotic disease. Suspect cases must be reported to the state or federal veterinarian before sample shipment to NVSL.

Final test reports will be released when all testing has been completed.

Foreign Animal Disease Diagnostic Testing -- Plum Island, NY

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
African horse sickness**					
IFA	Serum	Ice pack	\$79.00	2-3	Ten ml minimum
PCR	Blood, tissue	Ice pack	\$996.00	3-4	
VI	Blood, tissue	Ice pack	\$178.00	14	Ten ml minimum. DO NOT FREEZE
VN	Serum	Ice pack	\$118.00	4	Nine serotypes, user fee is per serotype
African swine fever**					
Ab ELISA	Serum	Ice pack	\$60.00	2-3	Five ml minimum
DFA	Tissue	Ice pack	\$51.00	2-3	
IFA	Serum	Ice pack	\$79.00	2-3	Five ml minimum
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
VI	Blood, tissue	Ice pack	\$178.00	14-21	
Aino**					
VN	Serum	Ice pack	\$118.00	3	Five ml minimum
Akabane**					
VN	Serum	Ice pack	\$118.00	4	Five ml minimum

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Bluetongue**					
CELISA	Serum	Ice pack	\$60.00	2-3	Five ml minimum
Real Time PCR	Whole blood	Ice pack	\$249.00	2-3	
Bovine ephemeral fever**					
VI	Blood	Ice pack	\$178.00	14	
VN	Serum	Ice pack	\$118.00	3	Five ml minimum
Bovine papular stomatitis					
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
VI	Blood, tissue	Ice pack	\$178.00	6	
Brucella abortus (Imports only)					
CARD	Serum	Ice pack	\$37.00	2-3	Five ml minimum
RIVANOL	Serum	Ice pack	\$16.00	2-3	Five ml minimum
Classical swine fever**					
Ab ELISA	Serum	Ice pack	\$60.00	2	Five ml minimum
IHC ABC	Tissue	Ice pack	\$379.00	2	
IP	Serum	Ice pack	\$65.00	2-3	Five ml minimum
IPVN	Serum	Ice pack	\$118.00	5	Five ml minimum
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Classical swine fever**					
VI	Blood, tissue	Ice pack	\$178.00	4	
Contagious agalactia**					
MI	Various	Ice pack	\$249.00	14	Contact laboratory for details (631) 323-3256
Contagious bovine pleuropneumonia**					
MI	Various	Ice pack	\$249.00	14	Contact laboratory for details (631) 323-3256
Real Time PCR	Various	Ice pack	\$249.00	2-3	Contact laboratory for details (631) 323-3256
Contagious caprine pleuropneumonia**					
MI	Various	Ice pack	\$249.00	14	Use brain-heart infusion or tris buffered-tryptose broth media
PCR	Various	Ice pack	\$996.00	3-4	Contact laboratory for details (631) 323-3256
Contagious ecthyma (parapoxvirus)					
Real Time PCR	Tissue, scab	Ice pack	\$249.00	2-3	(aka orf, contagious pustular dermatitis, scabby mouth); for EM on non-FAD investigation cases refer to NVSL Ames, Electron microscopy for morphologic virus identification.

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Contagious ecthyma (parapoxvirus)					
VI	Tissue, scab	Ice pack	\$178.00	6	(aka orf, contagious pustular dermatitis, scabby mouth); for EM on non-FAD investigation cases refer to NVSL Ames, Electron microscopy for morphologic virus identification.
De-Novo sequencing identification/characterization					
SEQUENCING	Various	Various	Varies	Varies	De-Novo sequencing and analysis. Contact laboratory for sample requirements, pricing and scheduling. Price varies based on sample and analysis requested. (631) 323-3256
Electron microscopy					
EM	Various	Ice pack	\$996.00	2-3	Tissue culture isolates, lesions, tissues
Epizootic hemorrhagic disease**					
Ab AGID	Serum	Ice pack	\$67.00	2	Five ml minimum
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
VN	Serum	Ice pack	\$118.00	7	Four serotypes, some exotic, user fee is per serotype
Foot-and-mouth disease**					
3ABC ELISA	Serum	Ice pack	\$60.00	2	Five ml minimum
Ab VIAA	Serum	Ice pack	\$108.00	2	Five ml minimum
Ag ELISA	Tissue, fluid	Ice pack	\$60.00	2-3	Vesicular Epithelium, fluid, swab.

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Foot-and-mouth disease**					
Real Time PCR	See comments	Ice pack	\$249.00	2-3	Specimens: Polyester swab of lesion, vesicular epithelium and vesicular fluid
VI	Probang	Ice pack	\$403.00	6	Oesophageal/pharyngeal sample
VI	Various	Ice pack	\$178.00	6	Vesicular Epithelium, fluid, swab.
VN	Serum	Ice pack	\$118.00	3	Seven serotypes, user fee per serotype
Gamma irradiation					
Sterile	Various	Various	\$3,891.00	7	Contact laboratory for details (631) 323-3256
Heartwater** (Imports only)					
Brain Smear	Brain tissue	Ice pack	\$108.00	2-3	
IFA	Serum	Ice pack	\$79.00	2-3	Five ml minimum
PCR	Blood, tissue	Ice pack	\$996.00	3-4	Ten ml Heparinized blood, DO NOT FREEZE
Histopathology					
Fixed tissue	Formalin	Various	\$996.00	2-3	Formalin-fixed, paraffin-embedded tissue blocks
Ibaraki** (Imports only)					
VN	Serum	Ice pack	\$118.00	7	

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Lumpy skin disease**					
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
VI	Blood, tissue	Ice pack	\$178.00	14	
VN	Serum	Ice pack	\$118.00	7	Five ml minimum
Malignant catarrhal fever					
IP	Serum	Ice pack	\$65.00	2	AHV-1 is a FAD (Notify state veterinarian/Federal Veterinarian)
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
Microarray screening (viral)					
Microarray	Tissue, blood (up to 4)	Ice pack		14	Up to 4 positive samples may be submitted for a single array. Negative tissues should be submitted as well, when available, for comparison and characterization of background. Contact laboratory for details (631) 323-3256.
Pestes des petits ruminants**					
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
VI	Blood, tissue, swab	Ice pack	\$178.00	14	
VN	Serum	Ice pack	\$118.00	7	Five ml minimum
Porcine reproductive and respiratory syndrome					
Ab ELISA	Serum	Ice pack	\$60.00	2	Five ml minimum

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Porcine reproductive and respiratory syndrome					
Real Time PCR	Blood, tissue	Ice pack	\$249.00	2-3	
VI	Blood, tissue	Ice pack	\$178.00	14	
Pseudorabies					
Ab ELISA	Serum	Ice pack	\$60.00	2-3	Five ml minimum
Rabbit hemorrhagic disease of rabbits					
Ab ELISA	Serum	Ice pack	\$60.00	2-3	One ml minimum
Ag ELISA	Liver	Ice pack	\$60.00	2	
Real Time PCR	Liver	Ice pack	\$249.00	2-3	
Rift valley fever**					
Ab ELISA	Serum	Ice pack	\$60.00	2-3	Five ml minimum
Rinderpest**					
Real Time PCR	Tissue, blood	Ice pack	\$249.00	2-3	
Safety test					
IN VITRO	Various	Various	\$618.00	28	In-Vitro safety test fee is per submission. Additional testing fees will be assessed based on country of origin of the material, disease agents and the number of samples to be tested. Please contact laboratory for pricing and details (631) 323-3256.

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Safety test					
IN VITRO / IN VIVO	Various	Various	\$11,147.00	60	User fee covers both In-vitro and In-vivo tests of biological material to rule out select agents. Contact laboratory for details (631) 323-3256.
Sheep and goat pox**					
Real Time PCR	Tissue, blood	Ice pack	\$249.00	2-3	
VI	Lesion	Ice pack	\$178.00	14	Biopsy of skin or respiratory lesion
VN	Serum	Ice pack	\$118.00	7	Five ml minimum
Swine vesicular disease**					
Ab ELISA	Serum	Ice pack	\$60.00	2-3	Five ml minimum
Ag ELISA	Tissue, fluid	Ice pack	\$60.00	2-3	Vesicular Epithelium or fluid.
Real Time PCR	See comments	Ice pack	\$249.00	2-3	Specimens: Polyester swab of lesion, vesicular epithelium and vesicular fluid
VI	Blood, tissue, swab	Ice pack	\$178.00	6	
VN	Serum	Ice pack	\$118.00	3	Five ml minimum. Submission of paired serum samples.
Teschovirus encephalomyelitis					
PCR	Tissue	Ice pack	\$996.00	3-4	
VI	Tissue	Ice pack	\$178.00	14	

Procedure	Specimens	Shipping Preservative	FY 2026 User Fee	Est. Time for Results* (Days)	Comments
Teschovirus encephalomyelitis					
VN	Serum	Ice pack	\$118.00	5	Five ml minimum. Contact laboratory for details (631) 323-3256.
Trypanosomiasis**					
IFA	Serum	Ice pack	\$79.00	2-3	Trypanosoma vivax
Vesicular exanthema of swine**					
IFA	Serum	Ice pack	\$79.00	2-3	Five ml minimum. 13 serotypes (VES), 16 serotypes for SanMiguel Sea lion virus, user fee is per serotype.
Real Time PCR	See comments	Ice pack	\$249.00	2-3	Specimens: Polyester swab of lesion, vesicular epithelium and vesicular fluid
VI	Tissue	Ice pack	\$178.00	6	
Vesicular stomatitis**					
Ab ELISA	Serum	Ice pack	\$60.00	2-3	Five ml minimum
Ag ELISA	Vesicular fluid	Ice pack	\$60.00	2-3	Five ml minimum
CF Ab	Serum, fluid	Ice pack	\$81.00	2-3	Four serotypes, user fee is per serotype
Real Time PCR	See comments	Ice pack	\$249.00	2-3	Specimens: Polyester swab of lesion, vesicular epithelium and vesicular fluid
VI	Blood, tissue	Ice pack	\$178.00	6	
VN	Serum	Ice pack	\$118.00	3	Four serotypes, some exotic, user fee is per serotype