

**West Virginia Department of Agriculture  
Animal Health Division  
Moorefield Laboratory**

*Mailing & Shipping Address (Federal Express, UPS) Address:*

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Animal Health Division  
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*List & Prices of Tests Performed per Sample (prices effective April 29, 2018)*

**Avian influenza (AI)**

<p>Agar Gel Immunodiffusion (AGID)</p> <p><i>Specimen:</i></p> <p><i>Storage:</i></p> <p><i>Availability:</i></p> <p><i>Other Information:</i></p>	<p>Serum, 1 mL</p> <p>Refrigerate, ship with cold ice packs</p> <p>Daily, sample ran the day of receipt</p> <p>Send sample with completed submission form, positive samples confirmed at NVSL.</p>	<p>\$1.50</p>
<p>Agar Gel Immunodiffusion (AGID)</p> <p><i>Specimen:</i></p> <p><i>Storage:</i></p> <p><i>Availability:</i></p> <p><i>Other Information:</i></p>	<p>Egg, 1 uncracked</p> <p>Refrigerate, ship with cold ice packs and protective container to prevent damage to sample integrity</p> <p>Daily, sample ran the day of receipt</p> <p>Send sample with completed submission form, positive samples confirmed at NVSL</p>	<p>\$2.00</p>
<p>Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)</p> <p>Matrix Influenza A virus (IAV) – EXPORT</p> <p>Matrix Influenza A virus (AIV)</p> <p>H5</p> <p>H5 clade</p> <p>H7</p> <p><i>Specimen:</i></p> <p><i>Storage:</i></p> <p><i>Availability:</i></p> <p><i>Other Information:</i></p>	<p>Swab pool (oropharyngeal preferred) of one species, if testing for <b>AI only</b> PCR, may pool up to no more than 11 swabs into a 5.5 mL test tube of Brain Heart Infusion (BHI) broth. If testing for <b>AI and Mycoplasma</b> PCR, pool up to no more than 5 swabs into a 3 mL test tube of BHI.</p> <p>Refrigerate, ship with cold ice packs; If shipment is delayed, freeze in ultralow freezer and ship on dry ice or -70C icepacks.</p> <p>Daily, sample ran as soon as possible</p> <p>Send sample with completed submission form, positive samples confirmed at NVSL. If refrigerated, samples must arrive at the laboratory and be tested within 96 hours</p>	<p>\$22.00</p> <p>\$40.00</p> <p>\$35.00</p> <p>\$35.00</p> <p>\$35.00</p>

**Mycoplasma gallisepticum (MG)**

Rapid Plate Agglutination (RPA) \$0.50  
*Specimen:* Serum, 1 mL  
*Storage:* Refrigerate, ship with cold ice packs, do not freeze  
*Availability:* Daily, sample ran as soon as possible  
*Other Information:* Send sample with completed submission form, positive or suspect result is confirmed with the HI test

Enzyme Linked Immunosorbent Assay (ELISA) - MG & MS Combination Test \$2.00  
*Specimen:* Serum, 1 mL  
*Storage:* Refrigerate, ship with cold ice packs, do not freeze  
*Availability:* Daily, sample ran as soon as possible  
*Other Information:* Send sample with completed submission form, positive or suspect result is confirmed with the HI test

Hemagglutination Inhibition Confirmation Test (HI) \$1.30  
*Specimen:* Serum, 1 mL  
*Storage:* Refrigerate, ship with cold ice packs, do not freeze  
*Availability:* Thursday or Friday  
*Other Information:* Send sample with completed submission form

Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR) \$22.00  
*Specimen:* Swab pool of one species, No more than 5 swabs into a 3 mL test tube of BHI  
*Storage:* Refrigerate, ship with cold ice packs  
*Availability:* Daily, sample ran as soon as possible  
*Other Information:* Send sample with completed submission form

**Mycoplasma meleagridis (MM)**

Rapid Plate Agglutination (RPA) \$0.60  
*Specimen:* Serum, 1 mL  
*Storage:* Refrigerate, ship with cold ice packs, do not freeze  
*Availability:* Daily, sample ran as soon as possible  
*Other Information:* Send sample with completed submission form, positive or suspect result is confirmed with the HI test

Enzyme Linked Immunosorbent Assay (ELISA) \$2.00  
*Specimen:* Serum, 1 mL  
*Storage:* Refrigerate, ship with cold ice packs, do not freeze  
*Availability:* Daily, sample ran as soon as possible  
*Other Information:* Send sample with completed submission form, positive or suspect result is confirmed with the HI test

Hemagglutination Inhibition Confirmation (HI) Test \$1.30  
*Specimen:* Serum, 1 mL  
*Storage:* Refrigerate, ship with cold ice packs, do not freeze  
*Availability:* Thursday or Friday  
*Other Information:* Send sample with completed submission form

### *Mycoplasma synoviae* (MS)

Rapid Plate Agglutination (RPA)	\$0.50
<i>Specimen:</i>	Serum, 1 mL
<i>Storage:</i>	Refrigerate, ship with cold ice packs, do not freeze
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other Information:</i>	Send sample with completed submission form, positive or suspect result is confirmed with the HI test
Enzyme Linked Immunosorbent Assay (ELISA) - MG & MS Combination Test	\$2.00
<i>Specimen:</i>	Serum, 1 mL
<i>Storage:</i>	Refrigerate, ship with cold ice packs, do not freeze
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other Information:</i>	Send sample with completed submission form, positive or suspect result is confirmed with the HI test
Hemagglutination Inhibition Confirmation Test (HI)	\$1.30
<i>Specimen:</i>	Serum, 1 mL
<i>Storage:</i>	Refrigerate, ship with cold ice packs, do not freeze
<i>Availability:</i>	Thursday or Friday
<i>Other Information:</i>	Send sample with completed submission form
Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	Swab pool of one species, No more than 5 swabs into a 3 mL test tube of BHI
<i>Storage:</i>	Refrigerate, ship with cold ice packs
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other Information:</i>	Send sample with completed submission form

### Newcastle Disease

Avian paramyxovirus-1 Matrix (APMV-1)	
Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	Swab pool (oropharyngeal preferred) of one species, may pool up to no more than 11 swabs into a 5.5 mL test tube of BHI broth.
<i>Storage:</i>	Refrigerate, ship with cold ice packs; If shipment is delayed, freeze in ultralow freezer and ship on dry ice or -70C ice packs
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other Information:</i>	Send sample with completed submission form, positive samples confirmed at NVSL. If refrigerated, samples must arrive at the laboratory and be tested within 96 hours
Virulent Newcastle Disease Virus (vNDV)	
Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	Swab pool of one species, may pool up to no more than 11 swabs into a 5.5 mL test tube of BHI broth.
<i>Storage:</i>	Refrigerate, ship with cold ice packs; If shipment is delayed, freeze in ultralow freezer and ship on dry ice or -70C icepacks
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other Information:</i>	Send sample with completed submission form, positive samples confirmed at NVSL. If refrigerated, samples must arrive at the laboratory and be tested within 96 hours

### Swine Influenza Virus (SIV)

Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	Swine nasal swabs in VTM (DO NOT POOL); Swine lung tissue (Surveillance only) Swine nasal wipes (Surveillance only)
<i>Storage:</i>	Refrigerate, ship with cold ice packs overnight delivery If shipment is delayed freeze in ultralow freezer and ship on dry ice or -70C icepacks
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other information:</i>	Send sample with completed submission form, positive samples confirmed at NVSL

### African Swine Fever (ASF)

Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	<b>Live Animal:</b> Whole blood (pool up to 5 equal amounts) <b>Dead Animal:</b> Tissue specimen from spleen (pool up to 5 equal amounts); Tissue specimen from tonsil (pool up to 5 equal amounts); Lymph node (gastrohepatic, and renal)
<i>Storage:</i>	Refrigerate, ship with cold ice packs overnight delivery If shipment is delayed freeze in ultralow freezer and ship on dry ice or -70C icepacks
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other information:</i>	Send sample with completed submission form, positive samples confirmed at NVSL

### Classical Swine Fever (CSF)

Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	<b>Live Animal:</b> Whole blood (pool up to 5 equal amounts); Tonsil scraping in TBTB <b>Dead Animal:</b> Tissue specimen from spleen (pool up to 5 equal amounts); Tissue specimen from tonsil (pool up to 5 equal amounts); Lymph node (mesenteric, submandibular, retropharyngeal)
<i>Storage:</i>	Refrigerate, ship with cold ice packs overnight delivery If shipment is delayed freeze in ultralow freezer and ship on dry ice or -70C icepacks
<i>Availability:</i>	Daily, sample ran as soon as possible
<i>Other information:</i>	Send sample with completed submission form, positive samples confirmed at NVSL

### Foot and Mouth Disease (FMD)

Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR)	\$22.00
<i>Specimen:</i>	Vesicular tissue or swabs in TBTB media (oral or lesion)
<i>Storage:</i>	Refrigerate, ship with cold ice packs overnight delivery If shipment is delayed freeze in ultralow freezer and ship on dry ice or -70C icepacks
<i>Availability:</i>	Daily, sample ran as soon as possible

*Other information:* Send sample with completed submission form, positive samples confirmed at NVSL

**Infectious Laryngotracheitis Virus (ILT/TV)**

Real-Time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR) \$30.00

*Specimen:* Swab pool (oropharyngeal/tracheal) of one species may pool up to no more than 11 swabs into a 5.5 mL test tube of BHI broth.

*Storage:* *Refrigerate*, ship with cold ice packs; If shipment is delayed, freeze in ultralow freezer and ship on dry ice or -70C ice packs

*Availability:* Daily, sample ran as soon as possible

*Other Information:* Send sample with completed submission form, positive samples confirmed at NVSL. If refrigerated, samples must arrive at the laboratory and be tested within 96 hours

**Salmonella pullorum typhoid**

Microagglutination Titer Test \$0.50

*Specimen:* Serum, 1 mL

*Storage:* Refrigerate, ship with cold ice packs, do not freeze

*Availability:* Daily, sample ran as soon as possible

*Other Information:* Send sample with completed submission form

**General**

Accession Fee \$5.00

STAT \$10.00