The laboratory retains the right to refuse samples that may pose a risk or danger to lab personnel. No human or non-human primate samples will be accepted. Submitted specimens including carcasses, tissues and agents isolated from specimens become property of the NDSU VDL. No samples, carcasses or body parts will be returned to the submitter. The submitter is responsible for adherence to sample shipping regulations.

We reserve the right to subcontract any work required to complete testing on submissions. Any work that is subcontracted will be indicated as such on the report.

For cases involving insurance claims or litigation, contact the laboratory for instructions. Such cases may be charged a $250.00 base price to cover cost of chain of custody handling.

Our goal is to provide accurate, timely assistance in animal disease diagnosis. We welcome all comments and suggestions regarding the service we provide.

### GENERAL INVESTIGATION

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Investigation submission fee (food animals)</td>
<td>$60.00</td>
</tr>
<tr>
<td>General Investigation submission fee (equine/companion animals)</td>
<td>$120.00</td>
</tr>
<tr>
<td>Accession fee*</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

* An accession fee will be applied to all cases except EIAs.

The General Investigation submission fee covers a routine laboratory study which may include the following tests: histopathology with special stains, bacteriology (2 aerobic cultures, 1 anaerobic), PCR (1 individual or 1 multiplex test), virology (2 FAs, 1 EM, 1 VI), cryptosporidia, and fecal flotation. Additional animals on the same submission (from a common disease outbreak) will be charged at ½ the price.

### BACTERIOLOGY

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerobic culture</td>
<td>$22.00</td>
</tr>
<tr>
<td>Antibiotic sensitivity per isolate</td>
<td>$20.00</td>
</tr>
<tr>
<td>Blood culture (submitted in media)</td>
<td>$22.00</td>
</tr>
</tbody>
</table>

### Fecal Analysis

### HISTOPATHOLOGY

### Animal Necropsy

### Clinical Pathology

### Fecal Analysis

### Cytology

### Necropsy

### RADIOGRAPHY

### CLINICAL PATHOLOGY

### Immunohistochemistry

### Other Tests

### Parasitology

### Toxicology

### Serology

### Immunology

### Virology

### Necropsy Charges

### Treatments

### Necropsy Charges

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### Treatments
**Molecular Diagnostics**

See www.vdl.ndsu.edu for a complete list of PCR tests, acceptable samples and set up schedule.

**Note:** If you are submitting large numbers of samples (>100), please call in advance to obtain possible price breaks on some tests and to assure adequate reagents are available.

- Anaplasma marginale ........................................ $35.00
- Avian Influenza virus ........................................ $50.00
- Bacillus anthracis .......................................... $60.00
- Blastomyces dermatitidis .............................. $35.00
- Brucellosis ...................................................... $40.00
- Campylobacter ............................................... $25.00
- Clostridium perfringens genotyping ...................... $35.00
- Cryptosporidia sp. ............................................. $35.00
- Dermatophytes (multiple species) ..................... $35.00
- E. coli virulence factors (bovine and porcine) .... $40.00
- Equine influenza virus (Influenza A) ............... $35.00
- Equine viral arteritis virus .......................... $40.00
- Feline calicivirus .......................................... $35.00
- Feline coronavirus (associated with FIP) .......... $35.00
- Feline panleukopenia virus ............................. $40.00
- Feline respiratory multiplex (FHVC/FV) ............. $50.00
- Foot and mouth disease ................................. $50.00
- Francisella tularensis (Tularemia) ................. $55.00
- Influenza virus Type A (canine and equine) .. $40.00
- John's (MAP) fecal ....................................... $40.00
- Each additional sample ............................... $25.00
- John's (MAP) fecal (pool of 5) ...................... $40.00
- Retest of positive individual samples .......... $25.00
- Lawsonia intracellularis ................................ $40.00
- Leptospira sp. ................................................. $35.00
- Malignant Catarrhal Fever ............................. $40.00
- Mycoplasma bovis ......................................... $35.00
- Neospora caninum .......................................... $35.00
- Newcastle disease virus ............................... $50.00
- Ovine progressive pneumonia virus .......... $35.00
- Porcine delta coronavirus ......................... $45.00
- Porvovirus respiratory Diarrhea Virus .. $45.00
- Porvovirus Rotavirus A ..................................... $45.00
- Rabies virus (used for special circumstances only) $50.00
- Ovine Respiratory Diarrhea Virus ............. $45.00
- Ovine Rotavirus A .......................................... $45.00
- Newcastle disease virus ............................... $50.00
- Ovine respiratory virus ................................ $45.00
- Senecavirus ..................................................... $45.00
- Swine Enteric Panel (PEDV, PRV-A, TGEV) .... $55.00
- Swine Enteric Panel with PDCoV .................... $75.00
- Swine influenzavirus .................................. $45.00
- Toxoplasma gondii .......................................... $35.00
- Transmissible gastroenteritis virus ............... $40.00
- Trichinosis ..................................................... $25.00
- Trichinella spiralis ....................................... $25.00
- Trichinella pseudospiralis ................................ $25.00
- Trichinella spiralis (bovine) pool of 5 ............. $35.00
- Retest of positive individual samples .......... $15.00
- Trichinella spiralis (feline) ............................ $40.00
- Ureaplasma diversum ...................................... $35.00
- West Nile virus .............................................. $45.00
- Yersinia pestis ................................................. $55.00

**Rabies Testing**

- Human exposure and non-human exposure cases
- Rabies (includes FA test and Histopathology) .... $40.00
- Includes brain removal and carcass disposal.

**Serology**

- See www.vdl.ndsu.edu for test set up schedule.
- Note: If you are submitting large numbers of samples (>100), please call in advance to obtain possible price breaks on some tests and to assure adequate reagents are available. An accession fee will be applied to all cases except EIAs.
- Bovine Abortion screen ................................ $40.00
- (Lepto, Neospora, IBL, BVD Types 1 & 2)
- Anaplasmosis (c-ELISA) ................................. $7.00
- Blueteuct (c-ELISA) ........................................ $7.00
- Bovine Leukosis (ELISA) ............................... $6.00
- Brucellosis (SPT BAPA) ................................ $2.50
- BRSV (SN) ...................................................... $7.00
- BVD Type 1 (SN) ............................................. $7.00
- BVD Type 2 (SN) ............................................. $7.00
- Canine 4DX (ELISA) ....................................... $25.00
- Canine Brucellosis ......................................... $25.00
- Canine (AGID) ................................................. $15.00
- Canine (ELISA) ............................................... $7.00
- Equine Neonatal Milk virus (ELSA Capture ELISA) $25.00
- Feline 3 way ELISA (FLV, FIV, HW) ............... $30.00
- IBR (SN) ........................................................ $7.00
- Johne's disease (ELISA) ................................ $5.00
- Leptospirosis 6 serovars (MAT)* ................... $18.00
- Leptospirosis 7 serovars (canine)* ................ $21.00
- Neospora (c-ELISA) ........................................ $7.00
- Ovine (c-ELISA) ............................................. $5.00
- Ovine brucellosis (ELISA) ............................... $6.00
- Small Ruminant Leptospirosis (CAE/OEP) c-ELISA $7.00
- West Nile Virus (ELISA Capture ELISA) ............ $30.00
- * Leptospira, L. canicola, pomona, grippo, 
  cipro, hardji, brasilvita. 
  L. autumnalis added on for canine samples.

**Pesticide Screen**

- GC/MS screen .............................................. $45.00
- (total organic carbon, ammonia, potassium, nitrate, ...)

**Viroid**

- Virus isolation .............................................. $30.00
- Fluorescent antibody (per antigen) ...................... $18.00

**Supplies**

- A $6.00 shipping fee will be charged for supplies mailed and for returning shipping containers.
- Bact. transport swabs ........................................ $2.00
- BAP plates ..................................................... $1.00
- Biobag positive mailers (9 mailers) ................. $65.00
- Falcon polystyrene 5ml serum tubes ................ $0.20
- Formalin filled jars (large) ............................ $1.00
- Formalin filled jars (small/medium) ................ $0.50
- Milk tubes .................................................... $0.20
- Paraffin ......................................................... $0.50
- Virus transport swabs with media ..................... $2.00
- UPS prepaid Ground Label ................................. $7.00
- UPS prepaid Next Day Air Label ............. (<10 pound box) $15.00