

## Molecular Diagnostics

### PCR for Mammalian Pathogens

|  |         |
|--|---------|
| Anaplasma marginale .....                    | \$45.00 |
| Bluetongue/EHD viruses .....                 | \$50.00 |
| BVD (Pooled blood, up to 12 per pool).....   | \$53.00 |
| BVD from milk, tissue, or single blood ..... | \$45.00 |

### BVD-PI (Persistent Infection) Ear Notch Testing Program

| Number of Cattle Tested | PCR Pool Size | PCR Charge per Head | Ag-ELISA charge per Head |
|-------------------------|---------------|---------------------|--------------------------|
| <12 samples             | No Pooling    | NA                  | \$6.00                   |
| 12-35 samples           | 12            | \$4.50              | \$2.50 *                 |
| 36-99 samples           | up to 36      | \$3.50              | \$2.50 *                 |
| 100 or more samples     | up to 36      | \$2.50              | \$2.50 *                 |

\* BVD Ag-ELISA testing on individual samples within a PCR positive pool

|  |          |
|--|----------|
| Canine Influenza Virus .....   | \$55.00  |
| Clostridium perfringens genotyping.....  | \$46.00  |
| Classical Swine Fever**.....   | \$50.00  |
| Contagious ecthyma (Orf) virus.....  | \$56.00  |
| Coronavirus (triplex PCR includes rota and Cryptosporidium).....                   | \$45.00  |
| Cryptosporidium (triplex PCR includes rota and coronavirus).....                   | \$45.00  |
| E. coli fimbriae and toxins (F5, STA, intimin, stx1, stx2, etc).....               | \$45.00  |
| Equine Herpesvirus-1 (EHV-1) neuropathogenic and wild type .....                   | \$60.00  |
| Helicobacter spp. ....   | \$45.00  |
| Malignant Catarrhal Fever (MCF).....   | \$45.00  |
| <i>M. avium</i> spp. <i>paratuberculosis</i> (Johne's Disease) (less than 4) ..... | \$45.00  |
| 4 or more samples .....  | \$35.00  |
| <i>Mycobacterium</i> spp. Identification by universal primers.....                 | \$136.00 |
| <i>Mycobacterium</i> PCR only (negative PCR with universal primers).....           | \$65.00  |
| <i>Mycoplasma bovis</i> speciation.....  | \$45.00  |
| <i>Mycoplasma haemolamae</i> .....   | \$45.00  |
| <i>Mycoplasma ovipneumoniae</i> (less than 4).....                                 | \$45.00  |
| 4 or more samples .....  | \$35.00  |
| <i>Neospora caninum</i> .....  | \$45.00  |
| <i>Pasteurellaceae leukotoxin [lktA gene]</i> (less than 4).....                   | \$45.00  |
| 4 or more samples .....  | \$35.00  |
| <i>Rhodococcus equi</i> .....  | \$48.00  |
| <i>Salmonella</i> spp. ....  | \$48.00  |
| <i>Toxoplasma gondii</i> .....   | \$45.00  |
| <i>Tritrichomonas foetus</i> (less than 4) .....                                   | \$45.00  |
| 4 or more samples .....  | \$35.00  |
| <i>Tritrichomonas foetus</i> pool of 2 to 5 samples.....                           | \$59.00  |
| West Nile Virus.....   | \$46.00  |

### PCR Tests for Fish Pathogens

|  |          |
|--|----------|
| <i>Flavobacterium psychrophilum</i> .....              | \$45.00  |
| Infectious pancreatic necrosis virus .....             | \$46.00  |
| Infectious salmon anemia virus .....                   | \$50.00  |
| Salmon alphavirus.....                                 | \$50.00  |
| (call lab for discount if testing both ISAV and SAV)   |          |
| Koi herpesvirus .....                                  | \$46.00  |
| <i>Myxobolus cerebralis</i> .....                      | \$45.00  |
| <i>Renibacterium salmoninarum</i> (BKD) .....          | \$83.00  |
| Spring viremia of carp virus (SVCV).....               | \$45.00  |
| <i>Mycobacterium</i> spp speciation by sequencing..... | \$136.00 |
| <i>Yersinia ruckeri</i> .....                          | \$46.00  |
| <i>Viral hemorrhagic septicemia virus</i> .....        | \$55.00  |
| Direct PCR/sequencing (bacteria/myxozoa/other) .....   | \$136.00 |

### PCR Tests for Avian Pathogens

(see AHFSL price list for additional avian assays).

|  |         |
|--|---------|
| Avian influenza—Individual**.....                | \$50.00 |
| Avian paramyxovirus (Newcastle's Disease)**..... | \$50.00 |
| Infectious Bursal Disease .....                  | \$62.00 |
| **USDA-APHIS Program testing                     |         |

### Organism Identification and Sequencing

|                                     |          |
|-------------------------------------|----------|
| Direct PCR/sequencing incl PCR..... | \$136.00 |
|-------------------------------------|----------|

## Pathology

### Histopathology

|   |         |
|---|---------|
| Surgical Biopsy (antemortem samples)..... | \$45.00 |
| Field necropsy (postmortem samples).....  | \$50.00 |
| Histo on WADDL necropsy.....              | \$50.00 |
| STAT/frozen section .....                 | \$85.00 |
| Duplicate slide .....                     | \$8.00  |

### Necropsy

|                                       |          |
|---------------------------------------|----------|
| Gross only.....                       | \$75.00  |
| Cosmetic necropsy .....               | \$300.00 |
| Avian (see AHFSL fee schedule)        |          |
| Fish (see Aquatic Health fee section) |          |

## Parasitology

|                     |         |
|---------------------|---------|
| Parasite ID .....   | \$15.00 |
| Fecal float .....   | \$12.00 |
| Baermann .....      | \$11.00 |
| Sedimentation ..... | \$17.00 |

## Toxicology

Additional analyses, including soil, water and plant testing, may be available through the Analytical Sciences Laboratory. Please call for assistance. See waddl.vetmed.wsu.edu for Out-of-State prices.

### Individual

|   |          |
|---|----------|
| Acetylcholinesterase.....   | \$22.00  |
| Aflatoxin.....  | \$26.00  |
| Ammonia.....  | \$16.00  |
| Arsenic (blood, urine).....   | \$40.00  |
| Arsenic (See Trace Mineral Screen)  |          |
| Barium (source material).....   | \$40.00  |
| Barium (See Trace Mineral Screen)   |          |
| Cadmium (blood, urine) .....  | \$40.00  |
| Cadmium (See Trace Mineral Screen)  |          |
| Calcium (See Trace Element Screen)  |          |
| Carbamate Pesticide Screen .....  | \$90.00  |
| Chlorinated Herbicide Screen.....   | \$90.00  |
| Chromium.....   | \$40.00  |
| Chromium (See Trace Mineral Screen)   |          |
| Cobalt (blood) .....  | \$40.00  |
| Cobalt (tissue—see Trace Mineral Screen)  |          |
| Copper (blood) .....  | \$40.00  |
| Copper (See Trace Element, Trace Mineral, Selenium & Copper Screens)                                      |          |
| Ethylene and Propylene glycol (by gas chromatography) .....   | \$58.00  |
| Fluoride.....   | \$15.00  |
| Fumonisin (feed).....   | \$36.00  |
| Glutathione Peroxidase.....   | \$22.00  |
| Iron (serum—see Trace Element screen)   |          |
| Iron (tissue—see Trace Mineral Screen)  |          |
| Lasalocid (See Ionophore Screen)  |          |
| Lead .....  | \$30.00  |
| Lead (tissue—see Trace Mineral Screen)  |          |
| Magnesium (serum—see Trace Element Screen)  |          |
| Manganese (blood, serum) .....  | \$40.00  |
| Manganese (tissue - see Trace Element Screen)   |          |
| Melamine Screen.....  | \$140.00 |
| Mercury (blood, tissue).....  | \$40.00  |
| Metalddehyde .....  | \$44.00  |
| Molybdenum (plasma) .....   | \$40.00  |
| Molybdenum (tissue— Trace Mineral Screen)   |          |
| Monensin (See Ionophore Screen)   |          |
| Narasin (See Ionophore Screen)  |          |
| Nitrate (serum, plasma, ocular fluid/intact eye, soil, water, plant; add \$4.00 for drying/grinding)..... | \$15.00  |
| Organochlorine Pesticide Screen.....  | \$90.00  |
| Organophosphate Pesticide Screen.....   | \$90.00  |
| pH .....  | \$9.00   |



# Washington Animal Disease Diagnostic Laboratory

## Fee schedule effective July 1, 2017

|  |         |
|--|---------|
| Phosphorus (serum—see Trace Element Screen)  |         |
| Plant/Mushroom/Blue-Green algae (cyanobacteria) Identification .....   | \$9.00  |
| Salinomycin (see Ionophore Screen)   |         |
| Selenium .....   | \$18.00 |
| Selenium (See Trace Mineral & Selenium and Copper Screens)   |         |
| Strychnine .....   | \$26.00 |
| Vitamin E .....  | \$21.00 |
| Zinc (See Trace Element & Trace Mineral Screens)   |         |
| Zinc phosphide—phosphine gas.....  | \$55.00 |
| <b>Screens</b>   |         |
| <b>Ionophore screen</b> (monensin, lasalocid, salinomycin, narasin).....   | \$44.00 |
| <b>Selenium and Copper Screen (liver)</b> .....  | \$40.00 |
| <b>Trace Element Screen (serum):</b> (calcium, copper, iron, magnesium, phosphorus, zinc; sodium and potassium on request).....                        | \$18.00 |
| <b>Trace Element Screen and Selenium (serum):</b> (calcium, copper, iron, magnesium, phosphorus, selenium, zinc; sodium and potassium on request)..... | \$36.00 |
| <b>Trace Mineral Screen (tissue):</b> (arsenic, barium, cadmium, chromium, cobalt, copper, iron, lead, manganese, molybdenum, selenium, zinc) .....    | \$67.50 |
| Single element.....  | \$40.00 |
| Gas chromatography—mass spectrometry <b>organic screen (call lab before requesting)</b> .....  | \$55.00 |
| <b>Virology</b>  |         |
| Bovine Virus Diarrhea Virus - Persistent Infection (PI)—.....  | \$6.00  |
| Isolation in cell culture (includes up to 3 samples).....  | \$50.00 |



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