

2010 PADLS FEE SCHEDULE



January 2010

Pennsylvania Veterinary Laboratory
 Pennsylvania Department of Agriculture
 2305 North Cameron Street
 Harrisburg, PA 17110-9408
 (717) 787-8808

Animal Diagnostic Laboratory
 Pennsylvania State University
 Orchard Road
 University Park, PA 16802
 (814) 863-0837

New Bolton Center
 University of Pennsylvania
 382 West Street Road
 Kennett Square, PA 19348-1692
 (610) 444-5800

The Pennsylvania Animal Diagnostic
 Laboratory System (PADLS) consists
 of the three laboratories listed.

The PADLS is dedicated to supporting
 Pennsylvania agriculture through the
 diagnosis and prevention of animal disease.

Further information available at
www.padls.org

Fees are subject to change

General Policies

Telephone and standard FAX reports provided at no additional charge. A \$2.00 fee is charged for faxing reports on demand.

Samples sent for analysis to outside labs are billed for any additional direct costs incurred. There is a minimum \$15.00 fee for shipping and handling.

Samples for rabies virus detection, non-human exposures or for human exposures, should be sent to the Pennsylvania Veterinary Laboratory. Shipping and testing are free for PA clients. Out of state clients may be charged \$150.00.

Accession Fees

An accession fee will be charged based on the total bill, as follows:

- \$ 4.00 for less than \$20.00
- \$ 10.00 for \$20.00 - \$39.99
- \$ 15.00 for \$40.00 and over

Out of State Fees

There will be a surcharge for out of state non-pathology (avian or mammalian) cases. The necropsy fees for PA cases are charged according to the level of testing performed. In addition to the necropsy fee, there will be a charge for each test for out of state cases. Contact the laboratory for additional information.

Aquaculture

Diagnostic necropsy (1-5 fish)	\$35.00
Diagnostic virus isolation - salmonid (3 pools, 5 fish per pool)	
for IPNV, IHNV, VHSV & VHSV type IVb	\$160.00
for VHSV type IVb only	\$90.00
Diagnostic virus isolation - non-salmonid samples (3 pools, 5 fish per pool)	
for LMBV on FHM or BF-2 cells, or KHV on KF-1 cells, and PCR Test	
LMBV or KHV	\$120.00
VHSV Type IVb on FHM cells and PCR Test	
VHSV - IVb	\$120.00
Viral monitoring - salmonid - samples (12 pools, 5 fish per pool)	
for IPNV, IHNV, VHSV & VHSV type IVb on both CHSE and FHM cell lines	\$215.00
with titer	\$240.00
Viral monitoring - non - salmonid samples (12 pools, 5 fish per pool)	
for LMBV on FHM or BF-2 cells, or KHV on KF-1 cells, and PCR test	
LMBV or KHV	\$240.00
for VHS type IVb on FHM cells, and PCR test	
VHSV - IVb only	\$240.00
Whirling disease (60 fish)	\$300.00

**Bacteriology / Mycology
 (See Molecular Diagnostics also)**

Aerobic culture	\$20.00
Anaerobic culture	\$40.00
Antibiotic residue, (urine)	\$13.00
Antibiotic susceptibility (each)	\$13.00
Antibiotic susceptibility, MIC	\$20.00
Bacillus anthracis culture	\$20.00
Blackleg assay (FA, 4 antibodies)	\$15.00
Blood culture	\$42.00
Brucella culture	\$17.50
Campylobacter sp. culture	\$21.50
Clostridium perfringens culture	\$16.50
Cl. difficile/perfringens toxin ELISA	\$40.00
Darkfield microscopic exam	\$7.50
E. coli serotyping (O)	\$15.00
(O & H)	\$30.00
PCR virulence testing	\$40.00
Fungal culture	\$26.00
Gram stain	\$7.00
* Johne's diagnostic testing	
Fecal culture	\$17.00
Pooled fecal culture	\$20.00
Culture/sample from positive pool	\$17.00
Environmental culture	\$17.00
Johne's Program testing	
Fecal culture	\$12.00
Pooled fecal culture	\$20.00
Culture/sample from positive pool	\$4.00
Environmental culture	\$5.00
Leptospira FA	\$15.00
Mastitis culture	
quarter/composite aerobic sample	\$4.00
herd survey (>8 cows); all 4 quarters/cow	\$12.00
Mycoplasma	\$8.00
Bulk tank milk analysis (quant. culture; 3 dil)	\$28.00
Bulk tank milk analysis and Mycoplasma	\$35.00
Species ID from plates & slants/isolate (mastitis)	\$4.00
Mycoplasma sp. culture	\$18.50
Quantitative bacterial culture	\$25.00
Salmonella culture	
fecal, env, feed, tissue, tissue samples, etc.	\$21.50
egg pools, 10 - 20 eggs/pool (in state PEQAP)	\$6.10
environmental (in state PEQAP)	\$14.10
PEQAP (out of state)	\$21.50
FDA culture procedure	\$55.00
ISO culture procedure	\$63.00
serotyping	\$30.00
serogrouping	\$10.00
Special stains	\$9.00
Trichomonas culture	\$12.50
Ureaplasma culture	\$16.50
Water analysis coliform	\$25.00
Yersinia culture	\$18.50
Parasitology (fecal)	
Cryptosporidium/Giardia FA	\$15.00
Cryptosporidium acid fast testing	\$9.00
Fecal flotation, quantitative	\$15.00
Lungworm exam, larval sedimentation	\$15.00

* Call (717) 783-5301 for information on Johne's Certification Program

Pathology

Histopathology:	
Biopsy - Slides (H & E)	\$30.00
Endometrial biopsy with epicrisis	\$42.00
H & E slide preparation only	\$9.00
Immunohistochemistry per slide	\$35.00
Special stains	\$9.00
Necropsy:	
Animals <250 lbs or field necropsy, tier 1	\$44.00
Animals <250 lbs or field necropsy, tier 2	\$129.00
Animals <250 lbs or field necropsy, tier 3	\$189.00
Bovine >250 lbs, tier 1	\$88.00
Bovine >250 lbs, tier 2	\$173.00
Bovine >250 lbs, tier 3	\$233.00
Equine necropsy >250 lbs, tier 1	\$130.00
Equine necropsy >250 lbs, tier 2	\$215.00
Equine necropsy >250 lbs, tier 3	\$275.00
Poultry:	
Backyard flocks	\$25.00
Backyard commercial flocks and pigeons	\$35.00
Commercial poultry	\$60.00
Pet birds	\$40.00
Commercial rabbits and guinea pigs	\$30.00
Exotic animal (by arrangement based on size, number of ancillary tests and / cord removal)	\$22.00 to \$138.00
Additional Necropsy Fees: Animals, Bovine, Equine	
Aborted fetus, per dam (serology not included)	\$129.00
Diarrhea panel	\$65.00
Spinal cord removal	\$60.00
Field necropsy mailers / partials available	\$15.00
CWD program testing-sample extraction/head	\$15.00
Disposal of whole carcass (CWD testing only)	\$40.00
Necropsy Carcass Disposal Fees:	
< 250 lbs	\$20.00
>250 lbs	\$40.00
Disposal Fee (no testing requested)	
<250 lbs	\$20.00
>250 lbs	\$40.00
>500 lbs	\$150.00
Zoo	Discretionary
Avian Serology	
All avian AGID, except avian influenza	\$3.00
Avian influenza - AGID (regulatory)	N/C
Avian influenza - AGID (diagnostic)	\$3.00
Avian influenza - AGID (out of state)	\$3.75
All avian serological ELISA	\$1.50
All avian HI (except as noted)	\$3.00
Infectious bronchitis virus - HI (3 antigens)	\$5.50
Mycoplasma - plate (regulatory)	N/C
Mycoplasma - plate (diagnostic)	\$0.50
Mycoplasma - plate (out of state)	\$1.00
Salmonella pullorum - plate/tube (regulatory)	N/C
Salmonella pullorum - plate/tube (diagnostic)	\$0.50
Salmonella pullorum - plate/tube (out of state)	\$1.00
Salmonella typhimurium - tube (regulatory)	N/C
Salmonella typhimurium - tube (diagnostic)	\$0.50
Salmonella typhimurium - tube (out of state)	\$1.00

Avian Virology (see Molecular Diagnostics also)

Avian influenza (AI) - paramyxovirus VI	\$40.00
HA (negative) (regulatory)	N/C
HA (negative) (diagnostic)	\$40.00
HA (negative) (out of state)	\$50.00
HI (if HA positive)	\$5.00
HI (if HA positive) (diagnostic)	\$45.00
HI (if HA positive) (out of state)	\$56.25
dot-ELISA (Avian influenza only)	\$7.50
LBM - VI AI, 6 swab pools (in state regulatory)	N/C
LBM - VI AI, 6 swab pools (out of state)	\$50.00
LBM - AI - PCR, 6 swab pools (in state regulatory)	N/C
LBM - AI - PCR, 6 swab pools (out of state)	\$43.75
Chlamydia isolation	\$40.00
PCR test	\$45.00
Direct transmission EM	
negative staining per specimen	\$35.00
Infectious bronchitis virus - VI	\$50.00
monoclonal-based dot-ELISA	\$7.50
monoclonal-based IFA for Mass, Conn & Ark	\$88.00
S1 gene sequencing for IBV genotyping	\$100.00
Infectious bursal disease - AGID	\$6.00
Influenza A - antigen capture immunoassay	\$18.00
PMV1/Newcastle disease virus VI	\$40.00
Virus isolation (all others)	\$45.00
Viral FA test	\$15.00

Mammalian Serology

All mammalian CF	\$5.00
Anaplasmosis cELISA	\$4.50
Bluetongue AGID	\$4.00
Bluetongue cELISA	\$4.50
Bovine leukosis virus (BLV) AGID	\$4.00
Bovine leukosis virus (BLV) ELISA	\$4.50
Bovine parainfluenza 3 - HI	\$4.00
Bovine prepurchase panel (each)	\$15.00
Bovine reproductive panel (each)	\$30.00
Bovine respiratory panel (each)	\$30.00
Bovine respiratory syncytial virus (BRSV) - SN	
handling and referral lab fees	
Bovine viral diarrhea (BVD) - SN	\$11.00
Brucellosis	
BAPA	\$1.00
Standard plate test (regulatory)	N/C
Standard plate test (diagnostic)	\$5.50
Standard plate test (out of state)	\$6.90
Standard tube test (regulatory)	N/C
Standard tube test (diagnostic)	\$3.00
Standard tube test (out of state)	\$3.75
Card agglutination (regulatory)	N/C
Card agglutination (diagnostic)	\$0.50
Card agglutination (out of state)	\$1.25
Export testing	\$2.00
Rivanol (regulatory)	N/C
Rivanol (diagnostic)	\$0.50
Rivanol (out of state)	\$1.25
RAP (regulatory)	N/C
RAP (diagnostic)	\$1.00
RAP (out of state)	\$1.25
canine RSAT	\$11.00
ovine	handling and referral lab fees
semen plasma tube	N/C
Caprine arthritis encephalitis (CAE) - AGID	\$4.00

Mammalian Serology (continued)

Caprine arthritis encephalitis (CAE) - cELISA	\$4.50
Epizootic hemorrhagic disease (EHD) - AGID	\$4.00
Equine infectious anemia - AGID (Coggins)	\$8.00
Equine infectious anemia - ELISA	\$20.00
Equine rhinopneumonitis (EHV 1, 4) - SN	\$11.00
Haemophilus sommus	handling and referral lab fees
Infectious bovine rhinotracheitis (IBR) - ELISA	\$4.50
Infectious bovine rhinotracheitis (IBR) - SN	\$11.00
Johne's disease - AGID	\$4.00
Johne's disease - ELISA	\$4.00
Leptospirosis - MA (5 serovars)	\$9.00
Neospora caninum - ELISA	\$6.00
Ovine progressive pneumonia (OPP) - AGID	\$4.00
Porcine parvovirus HI	\$4.00
PRRS - ELISA	\$4.50
Porcine reproductive panel each	\$12.00
Pseudorabies (PRV)-gI differential ELISA	N/C
Pseudorabies (PRV)-gI differential ELISA(in state diag)	\$4.50
Pseudorabies (PRV)-gI differential ELISA(out of state)	\$5.65
Swine influenza - HI (includes H1 and H3)	\$4.00
Toxoplasmosis - HA	handling and referral lab fees
West Nile virus - IgM ELISA, neurologic equine	N/C
West Nile virus - IgM ELISA, (in state diagnostic)	\$12.00
West Nile virus - IgM ELISA, (out of state)	\$15.00

Toxicology

Algal toxins screen (anatoxin, microcystins, nodularin) using LC/MS	\$128.00
Ammonia	\$20.00
Anion panel (Cl, NO3, NO2, SO4, PO4) biological fluids	\$41.00
Anion panel (Cl, F, NO3, NO2, SO4, PO4) water	\$43.00
Anion single - various sample types	\$21.00
Anticoagulant rodenticide screen	\$64.00
Avitrol (4-aminopyridine) (pesticide screen)	\$64.00
Bile acids	\$23.00
Bromide	\$31.00
Bronchodilators (clenbuterol, etc.)	\$128.00
Chloride	\$20.00
Chlorinated hydrocarbon insecticide screen	\$92.00
Cholinesterase, blood	\$23.00
Cholinesterase, brain or retina	\$29.00
Corticosteroid screen	\$69.00
Cyanide (prussic acid)	\$31.00
Drug analysis, single drug, (call lab for availability)	\$128.00
Drug screen, prepurchase	\$165.00
Electrolytes panel (Mg, Ca, Cl, P, K)	\$29.00
Ethylene glycol (antifreeze)	\$47.00
Fat content	\$11.00
Ionophore screen (monensin, lasalocid, etc.)	\$92.00
LC/MS screen	\$69.00
LC/MS confirmation of GC/MS or LC/MS screens	\$52.00
Macrolides (ivermectin, moxidectin, doramectin, selamectin, eprinomectin)	\$92.00
Melamine / cyanuric acid	\$128.00
Metalddehyde (pesticide screen)	\$64.00
Methemoglobin	\$12.00
Methylxanthine screen (caffeine, theobromine, theophylline)	\$69.00

Toxicology (continued)

Mineral panels	
Heavy metal screen (As, Cd, Pb, Tl)	\$32.00
Serum mineral screen with selenium	\$43.00
Nutritional tissue or biopsy metal screen (Ca, Co, Cu, Fe, Mg, Mn, Mo, Se, Zn)	\$32.00
Complete (tissue, feed, biol fluid; 15 elements, Se but no Hg)	\$43.00
Ocular fluid (Ca, Cl, Mg, Na, K, P)	\$32.00
Lead	\$20.00
Mercury	\$26.00
Selenium (blood, serum, tissue)	\$23.00
Selenium (feed)	\$25.00
Single element, not Se or Hg (fluid, tissue, feed)	\$20.00
Single element, non-routine	\$47.00
Mycotoxin screen (aflatoxins, DON/vomitoxin, fumonisins, ochratoxin, T-2 toxin, zearalenone)	\$80.00
Mycotoxin, single	\$31.00
NEFAs - (nonesterified fatty acids) - 6 or fewer, each	\$16.00
greater than 6, each	\$11.00
Nitrates / nitrites	\$26.00
Nonsteroidal anti-inflammatory screen	\$69.00
Organic chemical screen	\$64.00
Organochlorine insecticide screen	\$92.00
PCBs (total)	\$92.00
Pesticide screen (organophosphates, carbamates, metaldehyde, avitrol, starlicide, strychnine)	\$64.00
Plant identification	\$23.00
Prussic acid (cyanide)	\$31.00
Starlicide (3-chloro-p-toluidine HCl) (pesticide screen)	\$64.00
Strychnine, pesticide screen	\$64.00
Theophylline (methylxanthine screen)	\$69.00
Tranquilizer screen (call for list of drugs included)	\$69.00
Urea	\$29.00
Vitamin E (serum)	\$23.00
Vitamin E (tissue)	\$29.00
Water quality screen	Call NBC
Water quality, single parameter	Call NBC
Zinc phosphide	\$64.00

Mammalian Virology

All mammalian virology FA	\$10.00
BVD immunohistochemistry on ear notch	\$5.50
BVD ear notch ELISA	\$5.50
* BVD microplate assay (persistent infection)	\$5.00
BVD virus ELISA (serum)	\$5.50
* Bovine corona virus ELISA	\$10.00
Chlamydia isolation	\$40.00
Direct transmission EM	\$35.00
negative staining per specimen	
Influenza A - antigen capture immunoassay	\$18.00
Rotavirus - ELISA	\$6.50
Virus isolation	\$40.00

* Call the PA Beef Council 1-888-4BEEFPA (1-888-423-3372) for information on BQA and DBQA programs

Molecular Diagnostics

Avian influenza PCR (and H5/H7 strain typing)	\$35.00
Avian paramyxovirus-1 (and END) PCR	\$35.00
Avian reovirus PCR	\$80.00
Bovine respiratory syncytial virus (BRSV) PCR	\$35.00
Bovine viral diarrhea virus (BVDV) PCR (tissue or serum)	\$35.00
BVDV type (1, 2) PCR on pool up to 10 blood/serum per pool	\$60.00
BVDV PCR on ear notch pool up to 20 samples*	\$20.00
Bluetongue (BTV) virus PCR	\$25.00
Campylobacter jejuni PCR	\$35.00
Chlamydia psittaci PCR (for isolate confirmation)	\$40.00
Circovirus (PCV II) PCR	\$35.00
Clostridium perfringens toxin typing PCR	\$35.00
Eastern equine encephalitis (EEE) PCR	\$35.00
E. coli virulence testing PCR	\$40.00
Encephalomyocarditis virus (EMCV) PCR	\$35.00
Equine herpes virus - 1 (EHV-1) PCR	\$25.00
Fowl adenovirus PCR	\$80.00
Infectious bronchitis - Mass, Conn, & Ark strains	100.00
Infectious laryngotracheitis PCR	\$80.00
Influenza A PCR	\$35.00
Koi carp herpesvirus PCR	\$35.00
Leptospira sp. PCR	\$20.00
MicroSeq® Bacterial / Fungal ID	\$80.00
Mycobacterium paratuberculosis (Johne's) indiv PCR	\$17.00
Mycobacterium paratuberculosis (Johne's) pool PCR	\$20.00
Mycoplasma bovis PCR	\$20.00
Mycoplasma gallisepticum (MG) PCR	\$20.00
Mycoplasma synoviae (MS) PCR	\$20.00
Mycoplasma gallisepticum / Mycoplasma synoviae MG/MS PCR	\$50.00
Mycoplasma hyopneumoniae PCR	\$20.00
Mycoplasma sp. PCR	\$20.00
Neospora caninum PCR	\$35.00
Porcine reprod. & respi. syndrome virus (PRRS) PCR	\$20.00
Salmonella genomic fingerprinting - PFGE	\$50.00
Salmonella plasmid profile	\$35.00
Salmonella sp. PCR	\$35.00
Sequencing for bacterial (16S) or fungal (28S) ID	\$80.00
Streptococcus equi subspecies equi PCR	\$35.00
Swine influenza PCR (including novel H1N1)	\$40.00
Viral gene sequencing	call for availability
West Nile virus (WNV) PCR	\$35.00

Field Investigation

Avian & mammalian site visit \$75.00 - \$100.00 plus costs associated with diagnostic testing if required
Follow-up visits at discretion of the field investigator \$50.00 - \$200.00

<http://www.padls.org>

Follow the Userguide link for: specimens to collect, shipping guidelines, test set-up days, turn around times, content of serology panels, submission forms, field sampling kits, available media, etc.