

2009 PADLS FEE SCHEDULE



October 2009

Pennsylvania Veterinary Laboratory
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 in-state 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 25% surcharge for out-of-state non-pathology (avian or mammalian) pathology cases. The necropsy fees for in-state cases are capped, therefore there is no charge for tests selected beyond the gross pathology. There will be a charge for each additional test for out-of-state cases.

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
Quantative bacterial culture	\$25.00
Salmonella culture	
fecal samples	\$21.50
egg pools, 10 - 20 eggs/pool	\$21.50
environmental, feed, tissues	\$21.50
swabs, PEQAP (out-of-state)	\$21.50
FDA culture procedure	\$55.00
ISO culture procedure	\$63.00
serotyping	\$20.00
Special stains	\$9.00
Trichomonas culture	\$12.50
Ureaplasma culture	\$16.50
Yersinia culture	\$18.50
Parasitology (fecal)	
Cryptosporidium/Giardia FA	\$15.00
Fecal flotation, quantitative	\$15.00
Lungworm exam, larval sedimentation	\$15.00

* Call (717) 783-5301 for information on Johne's certification program

Pathology

Biopsy	\$30.00
special stains	\$9.00
Immunohistochemistry per slide	\$35.00
endometrial biopsy with epicrisis	\$42.00
H & E slide preparation only	\$9.00
Necropsy:	
bovine >250 lbs	See Page 3
equine fetus	\$129.00
aborted fetus, per dam (serology not included)	\$129.00
necropsy <250 lbs (1 - 3 carcasses)	See Page 3
with spinal cord removal	\$180.00
with disposal fee	\$20.00
equine necropsy >250 lbs	See Page 3
with spinal cord removal	\$180.00
with disposal fee	\$40.00
commercial poultry / pet birds	See Page 3
backyard or non-commercial poultry	See Page 3
exotic animal (by arrangement based on size, number of ancillary tests and / chord removal)	\$22.00 to \$138.00
commercial rabbits and guinea pigs	\$30.00
Specimens / field sampling kit (visit website)	See Page 3
CWD program testing-sample extraction/head	\$15.00
Disposal fee (no testing requested)	
<250 lbs	\$20.00
>250 lbs	\$40.00
>500 lbs	\$150.00
Deer	\$40.00
Zoo	Discretionary
Avian Serology	
All avian AGID, except avian influenza	\$3.00
Avian influenza - AGID	\$3.00
All avian serological ELISA	\$1.50
All avian HI (except as noted)	\$3.00
Infectious bronchitis virus- HI (3 antigens)	\$5.50
Mycoplasma (regulatory) - plate	N/C
Mycoplasma - plate	See Page 3
Salmonella pullorum - plate	See Page 3
tube test (300 or fewer)	See Page 3
each additional over 300	See Page 3
Salmonella typhimurium - tube	See Page 3
Avian Virology (see Molecular Diagnostics also)	
Avian influenza - VI	See Page 3
HA, HI	See Page 3
dot-ELISA	\$7.50
immunohistochemistry per slide	\$35.00
Chlamydia isolation	\$35.00
IHC per slide	\$35.00
PCR test	\$25.00
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 AGID except equine infectious anemia - 10 or fewer, each additional over 10, each	\$4.00 See Page 3
All mammalian CF	\$5.00
* All mammalian serological ELISA except as noted ^^), each additional over 30, each ^^PRRS ELISA	\$4.50 See Page 3 \$4.00
All mammalian SN	\$11.00
Bovine parainfluenza 3 - HI	\$4.00
Bovine prepurchase panel 10 or fewer, each additional over 10, each	\$15.00 \$12.00
Bovine reproductive panel 10 or fewer, each additional over 10, each	\$30.00 \$29.00
Bovine respiratory panel 10 or fewer, each additional over 10, each	\$30.00 \$29.00
Brucellosis - BAPA	\$1.00
Brucellosis - plate, tube or card agglutination for monitoring program for export and diagnostic samples	See Page 3 See Page 3
Brucellosis - rivanol	N/C
RAP	\$1.00
canine RSAT	\$11.00
ovine handling and referral lab fees	
semen plasma tube	N/C
Equine infectious anemia - AGID	\$7.50
Equine infectious anemia - ELISA	\$20.00
Haemophilus sommus handling and referral lab fees	
Immunoglobulin G	\$6.00
Leptospirosis - MA (5 serovars)	\$9.00
Neospora caninum - ELISA	\$6.00
Porcine parvovirus HI	\$4.00
Porcine reproductive panel 10 or fewer, each additional over 10, each	\$12.00 \$11.00
Pseudorabies - ELISA	See Page 3
Pseudorabies - SN	N/C
Swine influenza - HI (includes HI and H3)	\$4.00
Toxoplasmosis - HA	\$11.00
West Nile virus - IgM ELISA, neurologic equine	See Page 3
West Nile virus - IgM ELISA, out-of-state	\$15.00

Toxicology

Algal toxins screen (anatoxin, microcystins, nodularin) using LC/MS	\$122.00
Ammonia	\$19.00
Anion Panel (CL, NO3, NO2, SO4, PO4) biological fluids	\$39.00
Anion Panel (CL, F, NO3, NO2, SO4, PO4) water	\$41.00
Anion single - various sample types	\$20.00
Anticoagulant rodenticide screen	\$61.00
Avitrol (4-aminopyridine) (pesticide screen)	\$61.00
Bile acids	\$22.00
Bromide	\$30.00
Bronchodilators (clenbuterol, etc.)	\$122.00

Toxicology continued

Chloride	\$19.00
Chlorinated hydrocarbon insecticide screen	\$88.00
Cholinesterase, blood	\$22.00
Cholinesterase, brain or retina	\$28.00
Corticosteroid screen	\$66.00
Cyanide (prussic acid)	\$30.00
Drug analysis, single drug, (call lab for availability)	\$122.00
Drug screen, prepurchase	\$150.00
Electrolytes Panel (Mg, Ca, Cl, P, K)	\$28.00
Ethylene glycol (antifreeze)	\$45.00
Fat content	\$10.00
Ionophore screen (monensin, lasalocid, etc.)	\$83.00
LC/MS screen	\$66.00
LC/MS confirmation of GC/MS or LC/MS screens	\$50.00
Macrolides (ivermectin, moxidectin, doramectin, selamectin, eprinomectin)	\$88.00
Melamine / cyanuric acid	\$122.00
Metaldehyde (pesticide screen)	\$61.00
Methemoglobin	\$11.00
Methylxanthine screen (caffeine, theobromine, theophylline)	\$66.00
Mineral Panels	
Heavy metal screen (As, Cd, Pb, Tl)	\$31.00
Serum mineral screen with selenium	\$41.00
Nutritional tissue or biopsy metal screen (Ca, Co, Cu, Fe, Mg, Mn, Mo, Se, Zn)	\$31.00
Complete (tissue, feed, biol fluid; 15 elements, Se but no Hg)	\$41.00
Ocular fluid (Ca, Cl, Mg, Na, K, P)	\$31.00
Lead	\$19.00
Mercury	\$25.00
Selenium (blood, serum, tissue)	\$22.00
Selenium (feed)	\$24.00
Single element, not Se or Hg (fluid, tissue, feed)	\$19.00
Single element, non-routine	\$45.00
Mycotoxin screen (aflatoxins, DON/vomitoxin, fumonisins, ochratoxin, T-2 toxin, zearalenone)	\$75.00
Mycotoxin, single	\$30.00
NEFAs - (nonesterified fatty acids) - 6 or fewer, each greater than 6, each	\$15.00 \$10.00
Nitrates / nitrites	\$25.00
Nonsteroidal anti-inflammatory screen	\$66.00
Organic chemical screen	\$61.00
Organochlorine insecticide screen	\$88.00
PCB's (total)	\$83.00
Pesticide screen (organophosphates, carbamates, metaldehyde, avitrol, starlicide, strychnine)	\$61.00
Plant identification	\$22.00
Prussic acid (cyanide)	\$30.00
Starlicide (3-chloro-p-toluidine HCl) (pesticide screen)	\$61.00
Strychnine, pesticide screen	\$61.00
Theophylline (methylxanthine screen)	\$66.00
Tranquilizer screen (call for list of drugs included)	\$66.00

Toxicology continued

Urea	\$28.00
Vitamin E (serum)	\$22.00
Vitamin E (tissue)	\$28.00
Water quality screen	Call NBC
Water quality, single parameter	Call NBC
Zinc phosphide	\$61.00

Mammalian Virology

All mammalian virology FA	\$10.00
** Bovine respiratory syncytial virus EIA	\$20.00
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 EIA	\$10.00
Chlamydia isolation	\$35.00
Direct transmission EM negative staining per specimen	\$35.00
Influenza A - antigen capture immunoassay	\$18.00
Rotavirus - EIA, LA	\$6.50
Virus isolation	\$40.00
Virus immunohistochemistry per slide	\$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
- Test set-up days
- Turn around times
- Contents of serology panels
- Submission forms
- Field sampling kits
- Available media

Molecular Diagnostics

Fowl Adenovirus PCR	\$80.00
Avian influenza PCR (and H5/H7 strain typing)	\$35.00
Avian paramyxovirus-1 (and END) PCR	\$35.00
Bovine respiratory syncytial virus (BRSV) PCR	\$35.00
Bovine viral diarrhea virus (BVDV) PCR (tissue or serum)	\$35.00
BVDV PCR positive pool (v.i. test/individual sample)	N/C
BVDV type (1, 2) PCR on pool (up to 30 serum samples/pool)	\$60.00
Circovirus (PCV II) PCR	\$35.00
Clostridium perfringens toxin typing 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
Infectious bronchitis - Mass, Conn, & Ark strains	100.00
Infectious laryngotracheitis PCR	\$80.00
Influenza A PCR	\$35.00
Mycobacterium paratuberculosis (Johne's) PCR	\$20.00
Koi carp herpes virus	\$35.00
Leptospira sp. PCR	\$20.00
MicroSeq® Bacterial ID	\$80.00
Mycoplasma sp. PCR	\$20.00
Mycoplasma gallisepticum (MG) PCR	\$20.00
Mycoplasma synoviae (MS) PCR	\$20.00
Mycoplasma hyopneumoniae PCR	\$20.00
Mycoplasma bovis PCR	\$20.00
Neospora caninum PCR	\$35.00
Porcine Reprod. & Respi. Syndrome Virus (PRRS) PCR	\$20.00
Avian reovirus PCR	\$80.00
Salmonella genomic fingerprinting	\$50.00
Salmonella plasmid profile/fingerprinting (PFGE)	\$35.00
Salmonella sp. PCR	\$40.00
Sequencing for bacterial (16S) or fungal (28S) ID	\$80.00
Viral gene sequencing call for availability	
West Nile virus (WNV) PCR	\$35.00
Eastern equine encephalitis (EEE) PCR	\$35.00

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

** See User Guide or www.padls.org for shipping

Avian Pathology		
Test	Production Type	Fee
Capped necropsy	Backyard flocks	\$25
Capped necropsy	Backyard commercial flocks and pigeons	\$35
Capped necropsy	Pet birds	\$40
Capped necropsy	Commercial poultry	\$60

Mammalian Pathology		
Test	Production Type	Fee
Capped necropsy	Bovine >250 pounds, tier 1	\$88
Capped necropsy	Bovine >250 pounds, tier 2	\$173
Capped necropsy	Bovine >250 pounds, tier 3	\$233
Capped necropsy	Equine >250 pounds, tier 1	\$130
Capped necropsy	Equine >250 pounds, tier 2	\$215
Capped necropsy	Equine >250 pounds, tier 3	\$275
Capped necropsy	Animals <250 field necropsy tier 1	\$44
Capped necropsy	Animals <250 field necropsy tier 2	\$129
Capped necropsy	Animals <250 field necropsy tier 3	\$189
Aborted fetus		\$129
Diarrhea panel		\$129
Spinal cord removal	Fees applies as before	
Disposal	Fees applies as before	

Avian Serology			
Test		Instate Diag Fee	Out of State Fee
Avian Influenza - AGID		\$3.00	\$3.75
Mycoplasma gallisepticum - plate - RPA		\$0.50	\$1.00
Mycoplasma meleagridis - plate - RPA		\$0.50	\$1.00
Mycoplasma synoviae - plate - RPA		\$0.50	\$1.00
Salmonella pullorum - plate -RPA		\$0.50	\$1.00
Salmonella pullorum/typhimurium - tube		\$0.50	\$1.00

Avian Virology			
Test		Instate Diag Fee	Out of State Fee
VI Avian Influenza/NDV and hemagglutination (HA negative, finished)		\$40.00	\$50.00
VI Avian Influenza/NDV - hemagglutination Inhibition (if HA positive)		\$45.00	\$56.25
LBM - VI Avian Influenza (std. 6 swab pools)		\$0.00	\$50.00
LBM - Avian Influenza-rtRT-PCR (std. 4-6 swabs/pool)		\$0.00	\$43.75

Mammalian Serology			
Test		Instate Diag Fee	Out of State Fee
PRV ELISA		\$4.50	\$5.65
West Nile Virus - IgM ELISA, neurologic equine		\$12.00	\$15.00
Mammalian AGID, >10		\$4.00	\$5.00
Mammalian ELISA, >30		\$4.50	\$5.65
Brucellosis - Standard Plate Test (SPT) - Monitoring Program		\$5.50	\$6.90
Brucellosis - Standard Tube Test (STT) - Monitoring Program		\$3.00	\$3.75
Brucellosis - Card Agglutination - Monitoring Program		\$0.05	\$1.25
Brucellosis - Card Agglutination - Cervid (Reg.)		\$1.00	\$1.25