

CHAPTER 10 LABORATORY SERVICES

Authority
N.J.S.A. 4:5-2.1.

Source and Effective Date
Effective: September 28, 2017.
See: 49 N.J.R. 3497(a).

Chapter Expiration Date
Chapter 10, Laboratory Services, expires on September 28, 2024.

Chapter Historical Note

Chapter 10, Laboratory Services, was adopted as R.1999 d.421, effective December 6, 1999. See: 31 N.J.R. 2312(a), 31 N.J.R. 3999(b).

Chapter 10, Laboratory Services, was readopted as R.2005 d.172, effective May 2, 2005. See: 37 N.J.R. 5(a), 37 N.J.R. 2007(b). Chapter 10, Laboratory Services, expired on May 2, 2010.

Chapter 10, Laboratory Services, was adopted as new rules by R.2010 d.263, effective November 15, 2010. See: 42 N.J.R. 1113(a), 42 N.J.R. 2753(a).

In accordance with N.J.S.A. 52:14B-5.1b, Chapter 10, Laboratory Services, was scheduled to expire on November 15, 2017. See: 43 N.J.R. 1203(a).

Chapter 10, Laboratory Services, was readopted, effective September 28, 2017. See: Source and Effective Date.

Subchapter 2, Terms of Laboratory Service, was adopted as new rules by R.2019 d.014, effective February 4, 2019. See: 50 N.J.R. 1919(a), 51 N.J.R. 167(a).

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SUBCHAPTER 1. FEE SCHEDULE

2:10-1.1 Definitions

The following words and terms, as used in this chapter, shall have the following meanings. Words of art undefined in the following paragraphs shall have the meaning attributed to them by trade usage or general usage as reflected by definition in a standard dictionary, such as Webster's.

"Agglutination tests" means a test on serum to indicate presence of antibodies.

"AGID" means agar gel immunodiffusion test.

"Biopsy" means the gross and microscopic examination of tissue from an animal for the purpose of diagnosis.

"BLV" means bovine leukemia virus.

"BT" means bluetongue.

"CAE" means caprine arthroencephalitis.

"Case consultation" means the act of providing an opinion, or second opinion, on a veterinary diagnostic case at the request of an external organization or individual based on diagnostic information made available by such organization or individual.

"Cosmetic necropsy" means minimally invasive necropsy to examine internal organs and obtain necessary samples, so that the animal body retains a presentable condition for viewing.

"Decalcification" means softening of bones caused by removal of calcium ions to make bones amenable for histopathology examination.

"Domestic livestock" means cattle, horses, donkeys, swine, sheep, goats, rabbits, poultry, fowl, and any other domesticated animals as defined by N.J.S.A. 4:22-16.1.c and N.J.A.C. 2:8-1.2.

"EHD" means epizootic hemorrhagic disease.

"EHV" means equine herpes virus.

"ELISA" means enzyme linked immunosorbant assay or enzyme immuno-assay.

"FA" means fluorescent antibody techniques for agent identification in tissue.

"Forensic necropsy" means a necropsy procedure that attempts to establish the manner of death, any contributory causes, and if possible, the time of death. This type of necropsy is reserved for investigation of animal-related crimes or other situations that have legal implications and goes beyond standard necropsy in its objectives and relevance.

"H and E" means hematoxylin and eosin staining technique.

"HI" means hemagglutination-inhibition techniques (for example, influenza antibody, eastern, western, West Nile virus).

"Histopathology" means the microscopic examination of cells and the minute structure of tissues and organs to study changes caused by disease.

"IFA" means indirect fluorescent antibody techniques that may be used for agent identification but mostly used to antibody determination.

“IgG” means immunoglobulin G, a class of antibody.

“IgM” means immunoglobulin Class M—an indicator of recent exposure.

“MAT” means microagglutination titer.

“MIC” means minimum inhibitory concentration.

“Necropsy” means a postmortem examination of the internal organs of a dead animal to determine the cause of death.

“OPP” means ovine progressive pneumonia.

“PCR” means polymerase chain reaction.

“Regulated medical waste” means animal waste as defined in N.J.A.C. 7:26-3A.6(a)5.

“SHI” means synergistic hemolysin inhibition.

“SN” means serum neutralization procedures (for example, equine herpes-1, equine viral arteritis).

“Special stains” means any staining technique other than H and E staining technique.

New Rule, R.2005 d.172, effective June 6, 2005.

See: 37 N.J.R. 5(a), 37 N.J.R. 2007(b).

Former N.J.A.C. 2:10-1.1, Fees, recodified to N.J.A.C. 2:10-1.2.

Amended by R.2019 d.014, effective February 4, 2019.

See: 50 N.J.R. 1919(a), 51 N.J.R. 167(a).

Added definitions “Case consultation”, “Cosmetic necropsy”, “Decalcification”, “Domestic livestock”, “EHV”, “Forensic necropsy”, “H and E”, “MIC”, “PCR”, “Regulated medical waste”, “SHI”, and “Special stains”; and rewrote definition “Histology” as definition “Histopathology”.

2:10-1.2 Fees

(a) For all veterinary diagnostic services for which there is no flat rate user fee listed—for instance, due to the introduction of a new test format—the hourly rate user fee will be calculated for the actual time, labor, administrative and material costs required to provide the service.

(b) Fees for bacteriology isolation and identification tests are as follows:

<u>Technique</u>	<u>Charge</u>
Aerobic culture and identification.....	\$20.00
Anaerobic culture and identification	\$30.00
Salmonella	\$39.00
Fungal culture	\$20.00
Listeria	\$30.00
Mycoplasma culture.....	\$18.00
Sensitivities (Kirby Bauer).....	\$15.00
Sensitivities (MICs)	\$20.00
Johne’s culturing per animal	\$20.00
Leptospira microagglutination titer (MAT).....	\$15.00
Caseous lymphadenitis SHI	\$10.00
Bacterial isolate identification.....	\$12.00

(c) Fees for virology identification tests are as follows:

<u>Technique</u>	<u>Charge</u>
HI serum titer.....	\$30.00
HI serum screen	\$20.00
Serum neutralization	\$15.00
Direct fluorescent antibody (for agent).....	\$15.00
Indirect fluorescent antibody (for antibody)	\$15.00
IgM antibody capture ELISA.....	\$20.00
IgG antibody capture ELISA	\$20.00
Western blot.....	\$35.00
Virus isolation.....	\$50.00
Fish virus isolation per cell line	\$20.00
Fish tissue collection for health inspection per fish.....	\$2.00

(d) Fees for serology are as follows:

<u>Technique</u>	<u>Charge</u>
Johne’s ELISA.....	\$6.00
AGID EIA (Coggins).....	\$6.00
AGID, other	\$6.00
ELISA	\$20.00
Agglutination tests (card, plate, tube, rivanol, microtiter).....	\$4.00

(e) Fees for pathology are as follows:

<u>Technique</u>	<u>Charge</u>
Ova and parasites, qualitative	\$10.00
Ova and parasites, quantitative	\$15.00
Necropsies for domestic livestock:	
Necropsy small livestock animal (up to 100 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	\$70.00
Necropsy large livestock animal (101 to 300 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	\$120.00
Necropsy large livestock animal (greater than 300 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	\$150.00
Necropsy poultry (up to five birds) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory, and includes disposal.....	\$61.00
Brain removal head only.....	\$35.00
Histology (biopsies or “necropsy in bottle”) up to three tissues	\$45.00
Four to 10 tissues.....	\$95.00
Field necropsy with sample collection.....	\$55.00/ hour

<u>Technique</u>	<u>Charge</u>
Field sample collection (field courier)	\$23.00/ hour
Disposal fees (except poultry):	
Small animal (up to 100 lbs)	\$25.00
Large animal (up to 300 lbs)	\$75.00
Large animal (301 to 500 lbs)	\$100.00
Large animal (501 to 1,000 lbs)	\$250.00
Large animal (over 1000 lbs)	\$350.00
Disposal of regulated medical waste	Actual charge
Disposal only (if necropsy not performed) fee	\$200.00
<u>Necropsies for animals that are not domestic livestock</u>	
Necropsy non-livestock animals (0 to 50 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	
	\$150.00
Necropsy non-livestock animals (51 to 100 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	
	\$175.00
Necropsy non-livestock animals (101 to 300 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	
	\$200.00
Necropsy non-livestock animals (greater than 300 lbs) May include histopathology, aerobic culture, and fecal exam at discretion of the laboratory	
	\$250.00
Necropsy fish (one to three fish) Includes histopathology	
	\$50.00
Necropsy racing and show pigeons gross exam only	
	\$50.00
Spinal cord, or section thereof, removal	\$75.00
Case consultation fee (external fee)	\$55.00/ hour
Cosmetic necropsy (pets up to 100 lbs)	\$400.00
Cytology	\$35.00
Additional fee for forensic necropsy	\$350.00
Decalcification	\$20.00
Special stains	\$10.00
Slide made, unstained	\$10.00
H and E staining	\$10.00

f) Fees for test batteries or syndrome panels are as follows:

Respiratory, equine (serum)	\$55.00
Equine herpes-1 SN	
Equine influenza HI titer	
Equine viral arteritis SN	

Abortion, equine (serum)	\$40.00
Equine herpes-1 SN	
Equine viral arteritis SN	
Leptospira microagglutination titer MAT	
Abortion, equine (tissue)	\$80.00
EHV-1 PCR	
Aerobic culture	
Histopathology exam	
Equine diarrhea (feces)	\$100.00
Aerobic culture	
Anaerobic culture	
Salmonella	
Potomac Horse Fever	
Fecal parasite exam	
Equine respiratory (swab PCR)	\$80.00
EHV-1	
Influenza A	
Strangles	
Equine neurologic (blood/brain/CSF PCR)	\$80.00
EHV-1	
Eastern equine encephalomyelitis	
West Nile	
Equine neurologic (serum)	\$50.00
Eastern equine encephalitis IgM ELISA	
West Nile virus disease IgM ELISA	
Equine herpes-1 SN	
Respiratory, ruminant (serum)	\$40.00
Infectious bovine rhinotracheitis SN	
Parainfluenza-3 HI	
Bovine viral diarrhea SN	
Abortion, ruminant (serum)	\$40.00
Bovine viral diarrhea SN	
Infectious bovine rhinotracheitis SN	
Leptospira MAT	
Brucellosis (various official tests needed)	No charge
Equine Fever of unknown origin with lameness and swelling (serum)	\$60.00
Equine viral arteritis SN	
Lyme disease ELISA and western blot	
Ovine and caprine diarrhea (feces)	\$60.00
Johnes PCR	
Salmonella culture	
Fecal parasite examination	
Ovine and caprine herd health (serum)	\$25.00
Brucellosis	
Caprine arthritis encephalitis	
Johnes	
Caseous lymphadenitis screen	
Dermatology diagnostic (skin, fresh and fixed)	\$90.00
Aerobic culture and antibiotic sensitivity	
Histopathology	
Fungal culture	

Contagious equine metritis quarantine procedures	
Quarantine supervision and laboratory testing:	
stallion.....	\$1,600
Quarantine supervision and laboratory testing:	
mare	\$650.00

(g) Fees for molecular diagnostic services are as follows:

PCR (Uniplex: one probe).....	\$37.00
PCR (Duplex: two probes)	\$50.00
PCR (Multiplex: greater than two probes).....	\$10.00 per additional probe

(h) Services listed in (b) through (g) above are subject to availability of materials and demand for services. When a service is temporarily unavailable, the service may be referred to an external laboratory with notice to the submitter and written consent. Costs will be calculated as the actual laboratory test fee(s) and any shipping and handling.

Recodified from N.J.A.C. 2:10-1.1 and amended by R.2005 d. 172, effective June 6, 2005.

See: 37 N.J.R. 5(a), 37 N.J.R. 2007(b).

Rewrote the section.

Amended by R.2009 d.103, effective April 6, 2009.

See: 40 N.J.R. 6257(a), 41 N.J.R. 1391(b).

In the table in (b), in the entries for "Anaerobic isolation", "Salmonella", "Mycologic and yeast", "Listeria" and "Johne's culturing per animal", updated the fee amounts, and added the entry for "Leptospira microagglutination titer (MAT)"; in the table in (c), in the entries for "HI serum titer", "HI serum screen", "Serum neutralization", "Direct fluorescent antibody (for agent)", "Indirect fluorescent antibody (for antibody)", "IgM antibody capture ELISA" and "IgG antibody capture ELISA", updated the fee amounts, and deleted the entries for "IFA for PHF", "IFA for porcine reproductive respiratory syndrome", "ELISA (horse)" and "ELISA (dog)"; in the table in (d), deleted the entries for "AGID Bovine Leucosis, part of a herd plan", "Bovine leucosis individual animal", "AGID Johne's" and "ELISA EIA" and added the entry for "ELISA"; in the table in (e), deleted the entries for "Necropsy only", "Necropsy histopathology only", "Necropsy with infectious disease procedures", "Necropsy with all procedures" and "Histology per tissue (biopsies)", added the entries for "Necropsy small animal (up to 100 lbs), includes histology, aerobic culture, and fecal", "Necropsy large animal (up to 300 lbs), includes histology, aerobic culture, and fecal", "Necropsy poultry (up to five birds) includes histology, aerobic culture, and fecal", "Histology (biopsies or 'necropsy in bottle') up to three tissues" and "Disposal fee (up to 150 lbs)" and, in the entry for "Disposal fee", inserted "(added to all necropsy procedures, except poultry"; and rewrote the table in (f).

Amended by R.2019 d.014, effective February 4, 2019.

See: 50 N.J.R. 1919(a), 51 N.J.R. 167(a).

Rewrote the section.

this section shall have the meaning attributed to them by trade usage or general usage as reflected by definition in a standard dictionary, such as Webster's.

"Animal remains" means the animal carcass, any portion of an animal carcass, tissue samples, and associated items that may include, but are not limited to, bedding and other personal effects that are delivered with the animal carcass.

"Laboratory" or "AHDL" means the New Jersey Department of Agriculture, Animal Health Diagnostic Laboratory.

"Submitter" means any individual who engages the services of the laboratory. Such individuals may include animal owners, veterinarians, members of law enforcement, or agents of business entities including non-profit organizations and corporations.

2:10-2.2 Animal remains

(a) Due to risk of disease transmission, animal remains and specimens shall not be returned after submission to the AHDL and will be disposed of at the discretion of AHDL, subject to the exemptions of this subsection.

(b) Upon written request of the submitter or animal owner prior to start of a necropsy procedure, animal remains shall be released to licensed private crematorium for private services at no cost to the laboratory.

(c) Notwithstanding (b) above, animal remains that are regulated medical waste, as defined by N.J.A.C. 7:26-3A.6(a)5, shall be disposed of pursuant to all applicable State and Federal laws, rules, and regulations.

(d) Upon written request by the animal owner or submitter, specimens may be released directly from AHDL to another laboratory for confirmatory testing or to seek professional opinion, or as required by Federal or State law.

2:10-2.3 Records designated confidential

In addition to records designated as confidential pursuant to the provisions of the Open Public Records Act (OPRA), N.J.S.A. 47:1A-1 et seq., any other law, rule, Executive Order, or complete (final) and intermediate (interim) reports, including necropsy reports, shall not be considered government records subject to public access pursuant to OPRA.

SUBCHAPTER 2. TERMS OF LABORATORY SERVICES

2:10-2.1 Definitions

The following words and terms, as used in this subchapter, shall have the following meanings. Words of art undefined in