

Parasitology (per specimen) *Price reflects cost for food/fiber vs. companion animal species, where applicable.

<i>Cryptosporidium/Giardia</i> direct immunofluorescent assay.....	\$30.00
*Fecal exam: centrifugation/sucrose	\$12.00/\$18.00
Fecal exam direct smear.....	\$6.00
Fecal flotation.....	\$6.00
*Quantitative fecal analysis (McMaster's method)	\$12.00/17.00
** <i>Trichomonas foetus</i> exam	\$12.00

****Contact lab prior to submission for instructions.**

Pathology Services

Cytology Only 6 slides will be evaluated. If more than 6 slides are submitted for a site, the reporting pathologist will determine which 6 slides are evaluated.

Cytology Fee - All Species (per site)	\$40.00
Priority (rush) - addition charge	\$10.00

Histopathology

Surgical Biopsies/Fixed Tissue Mail-Ins - single lesion/mass (1-4 slides)	\$50.00
Each additional site.....	\$15.00
Each additional slide	\$5.00
Decalcify tissue	\$10.00
Organ Pluck (Tissue Handling Fee)	\$6.00
Priority (rush) - additional charge	\$10.00
Slide recut charge (1-4 slides)	\$15.00

Immunohistochemistry

First Antibody	\$45.00
Each Additional Tissue	\$25.00

Available antibodies:

Adenovirus	
Bovine Coronavirus	
Bovine Respiratory Syncytial Virus	
Canine Coronavirus	
Canine Distemper Virus	
Canine Parvovirus	
Eastern Equine Encephalitis Virus	
Equine Herpes Virus I	
Feline Coronavirus	
Feline Herpes Virus I	
Feline Leukemia Virus	
Feline Panleukopenia	
Ferret Coronavirus	
Influenza Virus	
<i>Leptospira</i> sp. pooled (includes serovars <i>canicola</i> , <i>grippotyphosa</i> , <i>hardjo</i> , <i>icterohaemorrhagiae</i> , <i>pomona</i>)	
<i>Listeria monocytogenes</i>	
<i>Neospora caninum</i>	
Porcine Circovirus II	
Porcine Coronavirus (TGE)	
<i>Toxoplasma gondii</i>	
West Nile Virus	
Tumor cell markers (CD3, CD18, c-Kit, Melan A, MUM-1, Pan-cytokeratin, PAX-5, PNL-2, Vimentin, vWF)	
Bovine Viral Diarrhea Virus (1-5 ear notches).....	\$30.00

Toxicology (in house)

Calculi Identification (stone analysis, FTIR)	\$25.00
Toxicology Evaluation	\$35.00
Toxic Plant Identification	\$15.00
All other toxicology testing outsourced	

Necropsy and Disposal policies

- Rabies testing is performed by the North Carolina State Laboratory of Public Health. To submit fresh brain for rabies only testing, contact your local health department. Samples for rabies testing as part of a complete neurological examination will be forwarded to the public health lab by NCVDLs at no charge.

- “**Food and fiber**” animals include cattle, swine, sheep, goats, camelids, ratites, aquaculture species, wildlife, or other types of production animals. “**Small Companion**” animals include cats, dogs, companion/mini-pigs, pocket pets, reptiles, amphibians, pet birds and ornamental fish. “**Large Companion**” animals include horses, donkeys, mules, zoo animals, and all other non-production animal species. “**Poultry**” includes the following domesticated species: chickens, turkeys, ducks, geese, guinea fowl, pheasants and quail.

- Due to state regulations, remains of animals submitted for necropsy cannot be released unless arrangements are made for cremation with a private crematory service. The request for private cremation must be made on the submission form. **Whole-body cremation of food/fiber or large companion animals greater than 150 lbs cannot be done.**

- Carcasses are disposed of following examination unless private cremation is requested. Based on diagnostic necessity and carcass condition tissue samples may be retained. Fresh tissue samples may be stored for one month from the date the animal is received. Formalin fixed and frozen tissue samples may be stored for up to two months. If additional tests are requested and warranted, these requests must be made within this time period.

- Due to the potential health risk to NCVDLs personnel we do not accept carcasses of or samples derived from primate species. The only exception is formalin fixed samples can be submitted for histopathology testing.

Necropsy fees* does not include disposal fee

Companion Animal, Small	\$125.00
Companion Animal, Large	\$150.00
Food/ fiber & Wildlife Animals	\$50.00
Backyard Poultry (up to 8 birds)	\$30.00
Industry Poultry (up to 8 birds)	\$50.00
Each additional bird (after 8 birds)	\$7.00
Spinal cord removal.(additional fee)	\$50.00
Insurance, research or special exam fee (additional fee)	\$100.00

***Price includes necropsy procedure and associated in-house bacteriology, virology, histopathology, molecular diagnostic, serology, toxicology, and immunohistochemistry services for a single diagnostic problem.**

Disposal Fees*

0-250 lbs	\$25.00
251-500 lbs	\$50.00
501-750 lbs	\$75.00
751 lbs and over	\$100.00

***Assessed based on weight of carcass at necropsy**

North Carolina Department of Agriculture and Consumer Services

Commissioner Steve Troxler



**Fee Schedule
February 2024**

North Carolina Veterinary Diagnostic Laboratory System

Rollins Laboratory
4400 Reedy Creek Rd.
Raleigh, NC 27607
(919) 733-3986

Northwestern Laboratory
1689 N. Bridge St.
Elkin, NC 28621
(336) 526-2499

Griffin Laboratory
401 Quarry Rd.
Monroe, NC 28112
(704) 289-6448

Western Laboratory
785 Airport Rd.
Fletcher, NC 28732
(828) 684-8188



General Laboratory Policies

1. Fees and test offerings are subject to change without prior notification. Current information is located on the NCVDLs website: www.ncagr.gov/vet/ncvdl/VetLabFees.html
2. **A \$2.00 accession fee will be added to each case.**
3. Out of state submissions are charged at two times the in-state rate. Out of state test fees apply only when the veterinarian, owner, and animal reside outside of North Carolina. Not all laboratory services are available to out of state clients.
4. Samples outsourced to other labs for analysis are charged at the rate of the subcontracting lab or are billed directly from the subcontracting lab. Handling fee (including shipping charge) is \$20.00 per accession.
5. Specimens submitted to the laboratory become the property of the NCVDLs and are subject to additional diagnostic testing for state and federal disease surveillance programs, particularly involving foreign animal diseases.
6. Not all tests are available at every laboratory within the NCVDLs. Please consult our website for tests by location. Core services of bacteriology, histopathology, immunohistochemistry, molecular diagnostics, toxicology, and virology are performed at the Rollins facility.
7. Most Toxicology testing is outsourced to the Pennsylvania Animal Diagnostic Laboratory System (PADLS) through a memorandum of understanding. Clients will be charged a specimen handling fee and billed directly from PADLS for services rendered. Test services and fees may be found at: <http://www.padls.org>
8. A fax or electronic report is provided at no charge to the client.
9. An organ pluck fee is assessed when large, fresh tissue specimens are sampled and disposed. The organ pluck fee is \$6.00.
10. Caseous lymphadenitis (CL) testing is not available at Rollins. If a sample is submitted for multiple tests, including CL, the client should request on the submission form outsource CL testing.
11. **See User Guide for best specimen choice for each test.**

Bacteriology (per specimen) Prices reflect cost for food/fiber/poultry vs. companion animal species, where applicable.

Acid fast stain.....	\$6.00
Aerobic culture	\$17.00/22.00
Susceptibility-Kirby Bauer AST (each isolate).....	\$5.00
Susceptibility-Microbroth AST (each isolate).....	\$25.00
Anaerobic culture.....	\$15.00/17.00
<i>Bartonella</i> culture.....	\$17.00
Blood culture.....	\$12.00/17.00
<i>Brachyspira</i> culture.....	\$12.00/17.00
<i>Brucella</i> culture.....	\$12.00/17.00
Bulk Tank Milk culture	\$17.00
<i>Campylobacter fetus</i> culture.....	\$12.00/17.00
<i>Campylobacter jejuni</i> culture.....	\$12.00/17.00
<i>Clostridium</i> FA test (<i>chauvoei</i> , <i>novyi</i> , <i>septicum</i> , <i>sordellii</i>).....	\$14.00
<i>Clostridium difficile</i> toxin assay.....	\$6.00/12.00
<i>Clostridium perfringens</i> culture.....	\$12.00/17.00
Darkfield exam	\$6.00
Diff-quick stain.....	\$6.00
Fungal culture	\$12.00/17.00
Gram stain/hematologic stain.....	\$6.00
<i>Listeria</i> spp. cold enrichment culture.....	\$14.00/17.00
<i>Mycobacterium</i> spp. Culture (other than <i>Johne's</i>)	\$20.00
<i>Mycoplasma</i> spp. culture.....	\$14.00/17.00
NPIP environmental <i>Salmonella</i> culture (conventional)	\$14.00
Ruminant Mastitis culture/susceptibility	\$6.00
<i>Salmonella</i> spp. enrichment culture	\$14.00/17.00
<i>Yersinia</i> spp. cold enrichment culture	\$14.00/17.00

Immunodiagnosics (per specimen)

Antibody Detection Assays

Anaplasmosis (cELISA)	\$4.50
Avian Adenovirus 127 (HI)	\$1.50
Avian Encephalomyelitis Virus (ELISA).....	\$1.50
Avian Influenza Virus (AGID)	in state \$0.80 / out of state \$3.30
Avian Influenza Virus (ELISA)	in state \$0.80 / out of state \$2.75
Avian Paramyxovirus-1 (ELISA)	\$1.50
Avian Paramyxovirus-1 (HI)	\$1.50
Avian Reovirus (ELISA)	\$1.50
Bluetongue Virus (cELISA).....	\$1.70
Bovine Leukosis Virus (ELISA)	\$1.70
Bovine Viral Diarrhea Virus Type 1a and 2 (VN)	\$6.75
Brucellosis	
BAPA	\$1.25
Card	\$1.25
Caprine Arthritis Encephalitis Virus (cELISA).....	\$1.70
Chicken Anemia Virus 1:10 (ELISA)	\$1.50
<i>Coxiella burnetii</i> - Q Fever (ELISA)	\$2.50
Equine Infectious Anemia Virus (AGID & ELISA).....	\$7.00
Equine Infectious Anemia Virus - priority /rush - additional charge...\$15.00	
Equine Rhinopneumonitis Virus (VN).....	\$7.00
Hemorrhagic Enteritis Virus (AGID)	\$1.50
Infectious Bovine Rhinotracheitis Virus (VN)	\$6.75
Infectious Bronchitis Virus: Ark, Conn, Del, Mass, JMK (HI)	\$1.50
Infectious Bronchitis Virus (ELISA).....	\$1.50
Infectious Bursal Disease (AGID & ELISA)	\$1.50
<i>Johne's</i> disease (ELISA)	\$2.90
<i>Leptospira</i> (MAT: 5, 6, or 7 serovars)	\$12.25
<i>Mycoplasma gallisepticum</i> (ELISA)	\$0.80
<i>Mycoplasma gallisepticum</i> (HI)	\$1.25
<i>Mycoplasma gallisepticum</i> (Plate)	\$0.80
<i>Mycoplasma hyopneumoniae</i> (ELISA)	\$1.70
<i>Mycoplasma meleagridis</i> (ELISA)	\$0.80
<i>Mycoplasma meleagridis</i> (HI)	\$1.25
<i>Mycoplasma synoviae</i> (ELISA).....	\$0.80
<i>Mycoplasma synoviae</i> (HI)	\$1.25
<i>Mycoplasma synoviae</i> (Plate).....	\$0.70
<i>Neospora caninum</i> (ELISA)	\$6.00
Ovine Progressive Pneumonia (cELISA)	\$1.70
Parainfluenza 3 Virus (VN).....	\$6.75
Porcine Reproductive and Respiratory Virus (ELISA).....	\$4.75
Pseudorabies Virus g1 (ELISA).....	\$1.50
Pseudorabies Virus gB (ELISA).....	\$1.50
<i>Salmonella pullorum</i> (Tube)	\$0.40
Swine Influenza Virus H1N1 (HI))	\$7.00
Swine Influenza Virus H3N2 (HI)	\$7.00
Viral Arthritis (AGID).....	\$1.50

Antigen (Agent) Detection Assays

Bovine Viral Diarrhea Virus Antigen (Ag-Cap ELISA)	\$5.75
Avian Influenza (Ag-Cap ELISA)	\$7.70
Viral Isolation – VI – (request which virus(es) to test for).....	\$30.00**
- Bovine Viral Diarrhea Virus (VI)	
- Canine Herpes Virus (VI)	
- Canine Influenza Virus (VI)	
- Equine Rhinopneumonitis Virus (VI)	
- Feline Calicivirus (VI)	
- Feline Rhinotracheitis Virus (VI)	
- Infectious Bovine Rhinotracheitis (VI)	
- Parainfluenza 3 Virus (VI)	
- Porcine Encephalomyocarditis Virus (VI)	
- Porcine Reproductive and Respiratory Virus (PRRS) (VI)	
- Pseudorabies Virus (VI)	
- Swine Influenza Virus	
Fluorescent Antibody Tissue Section Technique – FATST.....	\$9.00
- Canine Distemper Virus (FATST)	
- Porcine Parvovirus (FATST)	

**** For virus isolation, additional passage fee of \$10.00 applied if more than 2 passages are required.**

Molecular Diagnostics (per specimen)

Avian Influenza Matrix RRT-PCR	\$10.00
Avian Paramyxovirus-1 Matrix RRT-PCR	\$17.00
Avian Reovirus PCR	\$22.00
Bovine Diarrhea Panel PCR (rota, corona, cryptosporidium)	\$40.00
Bovine Viral Diarrhea Virus PCR	\$30.00
Canine Influenza Virus PCR	\$40.00
<i>Clostridium perfringens</i> genotyping (bacterial isolate)	\$27.50
<i>E. coli</i> virulence genotyping (bacterial isolate)	\$35.00
Equine Herpes Virus (Types 1 & 4) PCR.....	\$40.00
Foot and Mouth Disease PCR.....	\$20.00
Infectious Bronchitis Virus PCR.....	\$16.00
Infectious Laryngotracheitis Virus PCR	\$16.00
Influenza A Virus Matrix RRT-PCR.....	\$40.00
<i>Lawsonia intracellularis</i> PCR	\$28.00
<i>Mycoplasma gallisepticum</i> PCR	\$16.50
<i>Mycoplasma synoviae</i> PCR	\$16.50
Porcine Circovirus (Types 2 & 3) Multiplex PCR	\$28.00
Porcine Delta-Coronavirus PCR (1-5 samples each).....	\$22.00
Each additional sample	\$11.00
Porcine Epidemic Diarrhea Virus PCR (1-5 samples each).....	\$22.00
Each additional sample	\$11.00
PRRS Virus Multiplex PCR - US & European	\$28.00
Swine Influenza Virus PCR (N/P gene)	\$22.00
Swine Influenza Virus subtyping PCR	\$16.50
Transmissible Gastroenteritis Virus PCR	\$22.00
Turkey Coronavirus PCR.....	\$22.00
West Nile Virus PCR	\$38.50

Outsource

Chronic Wasting Disease*.....	\$40.00
*organ pluck fee and \$10.00 shipping fee are added	
Caseous Lymphadenitis SHL...price is determined by referral lab (CAHFS)	
Most Toxicology Testing is performed at PADLS. See http://www.padls.org	