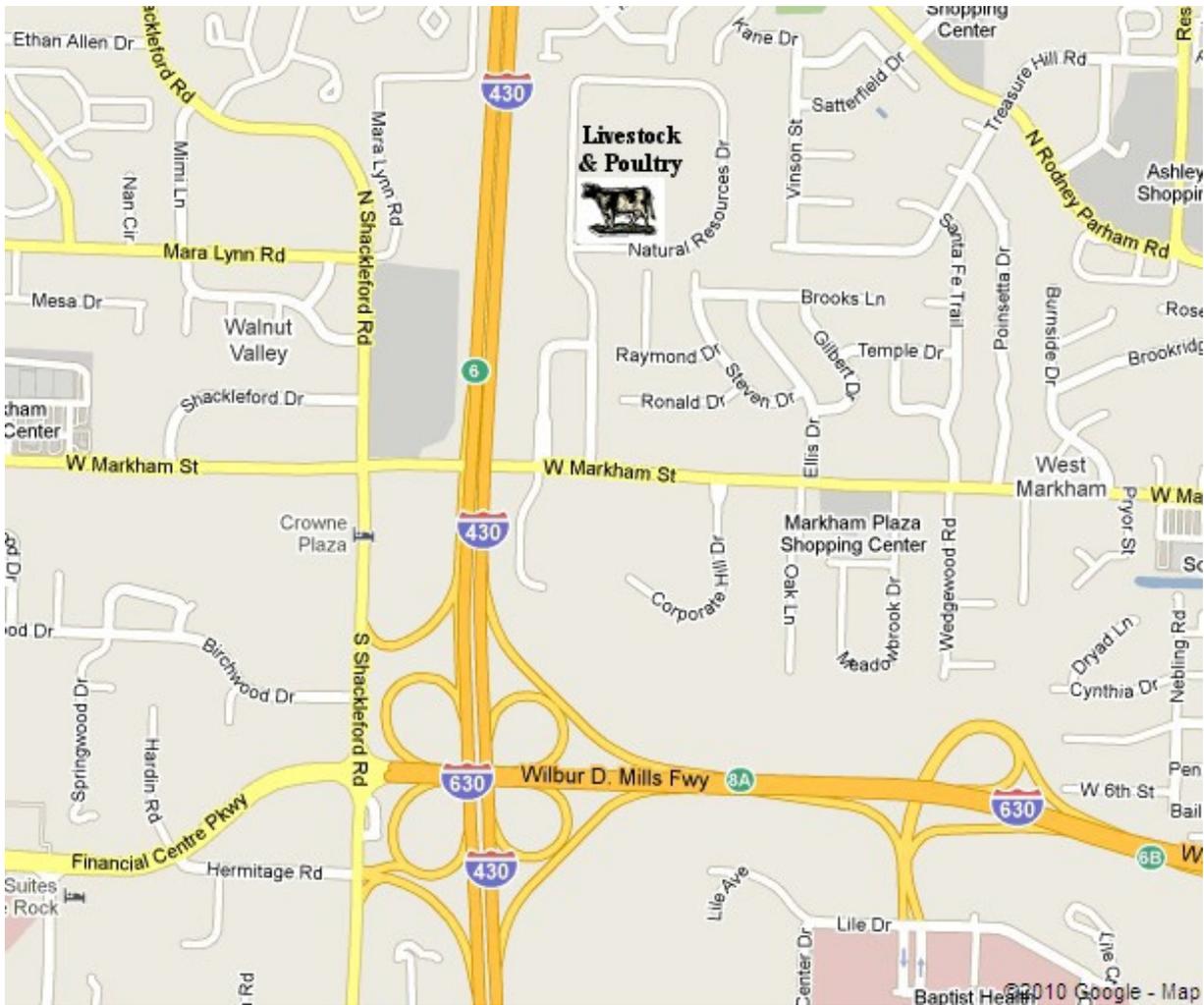


Map to ALPC Veterinary Diagnostic Laboratory



GENERAL INFORMATION for the ALPC Veterinary Diagnostic Laboratory

Laboratory Hours are from 8:00 am to 4:30 pm Monday - Friday.

The lab is closed for the following holidays: New Year's Day, Martin Luther King Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day (and usually the day after), Christmas Eve, and Christmas Day.

(If a holiday falls on Saturday, the Friday before will be observed. If a holiday falls on a Sunday, the following Monday will be observed.)

Submissions:

All submissions must be accompanied by a [submission form](#). The form is available at the front desk (receiving area) of the laboratory, on our website www.alpc.arkansas.gov and in the red box on the loading dock. Please complete all relevant information on the form, including the back of the form. A carcass left without a submission form will be assumed to be a disposal.

Please make sure each specimen, tube, etc. is labeled with sufficient information - such as submitter (veterinarian/clinic), owner, plus animal ID - to ensure the sample is uniquely identified and can be unmistakably matched to its corresponding submission form.

Fee Book Online and Updates:

The fee book is available online at www.alpc.arkansas.gov

Check the online version for interim updates to the print version of this fee book.

After-hours and Weekend Assistance:

Samples and small carcasses can be left in the refrigerator on the loading dock after hours. A veterinarian is on-call and can be reached by phone at 501-773-2456.

Courier Service for samples and small carcasses:

is available in most areas of the state. Call Xpress Courier at 877-677-4090 for information.

Laboratory Results and Invoices:

can be accessed online via WebSuite by going to our website:

www.alpc.arkansas.gov Contact the lab office to obtain a User Name and Password.

Animals for Export to other states or countries:

should have samples submitted at least 10 days prior to export.

Rabies suspects:

Brains and small heads may be submitted directly to the Arkansas Dept. of Health, 4815 W. Markham Street, Little Rock, AR 72205. Contact the Dept. of Health for shipment information (501-661-2840). Large heads (cattle, horses, etc.) can be submitted to the Diagnostic Lab for brain removal. A courier fee will be charged for transport of the brain to the Dept. of Health. If an entire carcass is sent, rather than a head, a carcass disposal fee or necropsy fee will apply.

Brain tissue submitted for rabies testing must be fresh and intact. Severely decomposed and/or macerated tissue will give inconclusive results and in many cases cannot be adequately tested.

Genetic testing:

(HYPP, parentage verification, individual identification, karyotyping) is performed at the Veterinary Genetics Laboratory at UC-Davis Veterinary School. Contact them directly for sample collection and shipping information at 530-752-2211 or visit their website: www.vgl.ucdavis.edu/

Additional Phone Numbers:

State Veterinarian	501-907-2400
Area Federal Veterinarian-in-Charge (Dr. Becky Brewer)	501-224-9515
State Public Health Veterinarian (Dr. Sue Weinstein)	501-280-4136
Arkansas Veterinary Medical Examining Board (Cara Tharp) ...	501-224-2836

Test details and fees are on the following pages.

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PATHOLOGY		
Test Name	Test Details	Fee
Livestock Necropsy Please call before bringing in a large animal.	> 1500 lb.	225.00
	1201 - 1500 lb.	200.00
	901 - 1200 lb.	175.00
	501 - 900 lb.	150.00
	100 - 500	90.00
	<100 lb.	70.00 (20.00 each add'l)
	Spinal cord removal	40.00
	Livestock abortion (fetus & placenta)	90.00
Equine Necropsy Please call before bringing in a large animal.	> 1200 lb.	275.00
	801 - 1200 lb.	250.00
	401 - 800 lb.	225.00
	201 - 400 lb.	200.00
	< 200 lb.	175.00
	Spinal cord removal	40.00
Small Animal Necropsy <i>Pet birds included and small exotic animals</i>	Necropsy	70.00
	Spinal cord removal	25.00
	Neonate (1-3 animals)	70.00 (15.00 each add'l)
Rabies submission	Done at Health Department	Disposal fee plus courier
Poultry Necropsy	Chicks/poults (1-12 birds/submission)	60.00 (2.00 each add'l)
	<15 lb. (1-8 birds/submission)	60.00 (4.00 each add'l)
	>15 lb. (1-4 birds/submission)	60.00 (7.50 each add'l)
	Ratites (adult)	70.00
Poultry Culture Setup	Per flock of up to 6/12 chicks	10.00/15.00
Euthanasia <i>Call Lab first; exclusions listed below</i>	>100 lb.	80.00
	50-100 lb.	40.00
	<50 lb.	30.00
After Hours or Unscheduled Large Animal	After hours or large animal without notice	40.00
Carcass Disposal Please call before bringing a large animal.	>1200 lb.	400.00
	501 - 1200 lb. (per animal)	300.00
	201 - 500 lb. (per animal)	250.00
	101 - 200 lb. (per animal)	25.00
	<100 lb. (per animal)	15.00
Histopathology	H&E slide with diagnosis	38.00 first site 6.00 each additional site
	Necropsy tissues (up to 5)	38.00 6.00 each extra slide
	Special stains by request	7.00 each
	Slide preparation only; returned to submitter for analysis	7.00 each slide
	Histology Slide Recut	6.00 /slide
Cytology	Impression smears and fine needle aspirates	32.00 (first site) 5.00 each additional site

PATHOLOGY		
Test Name	Test Details	Fee
Immunohistochemistry (IHC) <i>Feline and Canine Only</i>	T and B cells (formalin fixed tissue)	50.00
	Cytokeratin and Vimentin (formalin fixed tissue)	50.00
	Call for availability and pricing of other IHC tests	
Courier	per pickup (of samples)	6.00

Rabies Testing: See p. 2 (*General Information, Rabies suspects.*) for animals requiring only rabies testing.

Euthanasia: We do not offer euthanasia as a service except for poultry and small mammals excluding cats and dogs.

Cosmetic necropsy: We do not offer cosmetic necropsies as a service.

Pet Remains: Due to public health and safety concerns, we do not return animal remains to the owner. We do allow cremation service companies to pick up animals for private cremations. NOTE: A *Pet Loss Form* is required for ALPC-VDL to hold pet remains for private cremation. The [Pet Loss Form](#) is available at the front desk (receiving area) of the laboratory, on our website www.alpc.arkansas.gov and in the red box on the loading dock. Please complete all relevant information on the form. Please contact the laboratory at 501-907-2430 for additional cremation service information.

Necropsy: The animal should be submitted in a fresh state and as soon possible after death to increase the chances of reaching a meaningful diagnosis. Keep the carcass refrigerated, **but not frozen**. Freezing causes microscopic artifacts that may interfere with diagnostic evaluation. If the animal shows signs of decomposition or has been frozen, please call the lab for further consultation. Severe decomposition or freeze artifact may hamper or prevent meaningful diagnostic evaluation.

Histopathology: For adequate tissue fixation, the required ratio of preservative to tissue is 10:1. The recommended preservative is 10% neutral-buffered formalin, which can be requested at no charge from the laboratory. Results from specimens that require additional fixation with alcoholic formalin or that require decalcification will be delayed and may take as long as 7-14 calendar days to process.

Alcoholic Formalin Delays: Tissues with a high fat content or that have a soft, delicate texture may not fix completely in buffered formalin. These incompletely fixed tissues will not cut properly on the microtome and will require additional fixation in alcoholic formalin. Alcoholic formalin denatures lipid and firms the tissue, allowing proper sectioning of the tissue into diagnostically meaningful slides. This process may take as long as 7-14 days to complete and can be expected to cause a delay in the reporting of results.

Skin lesions: When submitting multiple skin or subcutaneous lesions from the same animal, it is preferable to submit the individual lesions in separately labeled containers. ***If multiple lesions are placed in a single container without suitable tagging or labeling, then distinct identification of the individual lesions and their corresponding locations cannot be accurately determined and will not be provided with the report.*** If multiple lesions are placed in a single container and individual lesion identification is desired, then it is imperative that the individual specimens are distinctly labeled and that descriptions of the individual lesions and their corresponding labels are provided with the submission form. Punch biopsies representing a generalized condition can be submitted in a single container without suture tags or labels.

Cytology

Impressions smears: Blot the tissue dry, then gently press against the slide. If available, submit both stained and unstained slides

Pathology (continued):

Fine needle aspirates: Aspirate the lesion using a 3 cc syringe and 22-gauge needle. Redirect needle multiple times for good representation. Release the plunger and remove the needle from the lesion. Disconnect needle, fill syringe with air, reconnect needle, and express contents of needle onto the slide. Place a second slide on top of the first slide and pull slides apart slowly. Submit both slides unstained.

Bone marrow aspirates: Bone marrow aspirates are not read at ALPC. Any aspirates sent to ALPC will be sent out to another laboratory for analysis.

BACTERIOLOGY		
Test Name	Test Details	Fee
Aerobic culture	Swab, feces, tissue, urine, or other body fluids Send in aerobic culturette or sterile container.	22.00 (1 - 2 specimens from same animal; includes identification of 2 isolates; additional ID 10.00/isolate)
Anaerobic culture	Tissue or body fluid Send only from anaerobic sites.	35.00/specimen
Gram stain	Performed on isolates	5.00 /isolate
Antibiotic sensitivity	Performed on isolates	12.50 /isolate
MRSA	Methicillin-resistant <i>Staph. aureus</i>	12.00 /isolate
Identification panels	After first 2 isolates	10.00 /panel
<i>Salmonella</i>	Screen only	10.00/specimen
	<i>Salmonella</i> O-antigen serogrouping	5.00 /isolate
	<i>Salmonella</i> D serogrouping ONLY	2.00/isolate
<i>Campylobacter</i> isolation	Feces, intestinal swab	14.00/specimen
<i>E. coli</i>	HACCP; carcass	25.00/specimen
<i>Clostridium chauvoei, novyi, septicum, sordellii</i>	Fluorescent antibody (FA) Muscle or heart	15.00/specimen
<i>Pasteurella multocida</i>	Serotyping (send out to NVSL)	Call lab for pricing
	PCR (swabs, tissues or bacterial cultures)	25.00/specimen
<i>Leptospira icterohaemorrhagiae, canicola, pomona, hardjo, bratislava, grippotyphosa, & autumnalis</i>	Microscopic Agglutination Test (MAT) on serum (Performed on Tuesdays.)	18.00/specimen (1-10) 6.00/specimen (>10)
	PCR on urine or kidney	25.00/specimen

Urine or other fluids for culture should never be sent in culturette swab containers because they leak and the sample can become contaminated, compromising the accuracy of the results. Send the fluid in a leak-proof container such as a red-top tube. Do not collect samples in purple top tubes.

Swabs should be placed in sterile transport media (aerobic and/or anaerobic media).

Tissues should be packaged separately from each other in leak-proof, sterile containers and accompanied by an ice-pack.

Fecal samples should be submitted in Cary Blair transport medium. This medium can be purchased through scientific supply houses, such as Fisher Scientific or VWR. (NOTE: Use of supply house names - as examples - does not imply endorsement or preference by ALPC.)

Milk samples should be submitted in sterile, screw-top containers wrapped with Parafilm to prevent leakage.

MYCOLOGY		
Test Name	Test Details	Charge
Dermatophyte culture	Isolation and identification of dermatophytes	12.00 /case
Culture for systemic fungi	Send out	Call lab for pricing
Aspergillosis Serology	Serum AGID (1 cc)	12.00
Blastomycosis Serology	Serum AGID (1 cc)	12.00
Coccidioides Serology	Serum AGID (1 cc)	12.00
Histoplasmosis Serology	Serum AGID (1 cc)	12.00
Fungal Serology Profile	Serum AGID for Aspergillosis, Blastomycosis, Coccidioides, & Histoplasmosis (1 cc)	45.00

Fungal serology: False negative results occur with *Blastomyces* and, less commonly, with *Histoplasma* infections.

Hair, scabs, or skin scrapings for mycology should be sent in dry, sterile containers.

VIROLOGY & SEROLOGY
(1) Marked tests are discounted 40% off the regular fee for samples beyond the first 10 when the samples are received together and from the same owner.
(2) Results for these tests may be delayed. Because these tests are run infrequently, the reagents are not always in stock at ALPC. Reagents may need to be ordered prior to running these tests.

VIROLOGY AND SEROLOGY*			
RUMINANTS	Test Details	Sample	Fee
<i>Anaplasma</i>	ELISA; <i>Performed on Mondays only.</i> Price break if >10 samples per submission	Serum, 1 cc	6.00 (1 – 10) 3.00 (11+)
<i>Anaplasma</i> spp. NOTE: Does NOT detect <i>A. ovis</i> or <i>A. bovis</i>	PCR	<i>preferred:</i> whole blood (EDTA) or spleen	25.00
Bluetongue	AGID ⁽¹⁾	Serum, 1 cc	*9.00 ⁽¹⁾
	PCR	Whole blood or infected tissue(s)	30.00
Bovine Abortion Panel (federal Brucellosis chart needed)	IBR, BVD, <i>Leptospira</i> , <i>Neospora</i> Brucellosis <i>See individual tests for day(s) the tests are performed.</i>	Serum (paired best), 1 cc	35.00
Bovine Coronavirus	PCR	Feces (2 ml or 2 g), bowel, lung, nasal swab, infected tissue	30.00
Bovine Leukemia Virus (BLV)	AGID ⁽¹⁾	Serum, 1 cc	8.00 ⁽¹⁾
Bovine Respiratory Syncytial Virus	FA (<i>performed on Fridays</i>)	Lung, intestine	15.00
Bovine Rotavirus	PCR	Feces (2 ml or 2 g), intestine	25.00
Bovine Pregnancy (Run on Mondays only)	ELISA (<i>as early as 28 days post breeding or ≥ 60 days post calving</i>)	Serum, 1 cc	1-4 \$20.00 5-10 \$ 5.00 11+ \$ 3.00

VIROLOGY AND SEROLOGY			
RUMINANTS	Test Details	Sample	Fee
Bovine Viral Diarrhea (BVD)	Serum neutralization (SN) for type I <i>Performed on Fridays only</i>	Paired serum	7.00
	SN for type II <i>Performed on Fridays only</i>	Paired serum	7.00
	PCR (detects types I & II)	5 mL EDTA blood, suspect tissues, or nasal swab	30.00
BVD Persistently Infected Please do NOT send ear notches in formalin	SNAP	Ear notch (fresh tissue only), serum	5.50
Brucellosis	BAPA plate test (Federal chart required)	Serum, 1 cc	2.00
Caprine Arthritis & Encephalitis	AGID ⁽¹⁾	Serum, 1 cc	8.00 ⁽¹⁾
Caprine Herpesvirus –1	PCR	swab or tissue	25.00
Chlamydia	PCR	swab or tissue	25.00
Epizootic Hemorrhagic Disease	AGID	Serum, 1 cc	8.00
	PCR	Blood, spleen, liver and other tissues	30.00
Foot and Mouth disease	PCR	swab, blood, or infected issue	30.00
Infectious Bovine Rhinotracheitis (IBR)	PCR	nasal swab or suspect tissue(s)	25.00
	Serum neutralization <i>Performed on Fridays only.</i>	Paired serum	7.00
Johne's Disease	ELISA (<i>bovine only</i>) <i>(Performed on Mondays only)</i>	Serum, 1 cc	6.00 5.00 (2+)
	PCR	Feces (2 grams), intestine	25.00
<i>Leptospira icterohaemorrhagiae, canicola, pomona, hardjo, Bratislava, grippityphosa, & autumnalis</i>	MAT <i>(Performed on Tuesdays only)</i>	Serum	18.00 (1-10) 6.00 (11+)
	PCR	Urine, kidney	25.00
Malignant catarrhal fever	PCR	Whole blood, tissues, or swab(s)	25.00
<i>Mycoplasmaspp.</i>	PCR	Tissue, swab, or fluid of any type	25.00
<i>Neospora caninum</i>	PCR	Brain of aborted fetus, heart, liver, kidney, suspect tissues	25.00
	ELISA (<i>bovine only</i>) <i>(Performed on Mondays only)</i>	Serum, 1 cc	12.00
Ovine Progressive Pneumonia	AGID ⁽¹⁾	Serum, 1 cc	8.00 ⁽¹⁾
Parainfluenza (PI3)	FA (<i>performed on Fridays</i>)	Lung	15.00

VIROLOGY AND SEROLOGY			
RUMINANTS	Test Details	Sample	Fee
<i>Trichostrongylus axei</i>	Culture bag (each pouch, plus shipping);	<i>Order before collecting sample</i>	5.00
	Culture and direct examination	preputial or vaginal wash sample shipped in a culture bag *Do NOT refrigerate*	15.00
	PCR (with 2-day culture)	preputial or vaginal wash sample shipped in a culture bag *Do NOT refrigerate*	25.00

Serology samples:

Serum samples submitted for serology testing should be removed from clot, free from hemolysis, and refrigerated during shipment. Please centrifuge all serum separator tubes before shipment.

VIROLOGY AND SEROLOGY			
PORCINE	Test Details	Sample	Fee
Brucellosis	Card Test (run on Mon. cutoff time = 12 noon)	Serum, 1 cc	n/c
Classical Swine Fever	PCR	Nasal swab, blood, infected tissue	30.00
Foot and Mouth disease	PCR	Nasal swab, blood, infected tissue	30.00
<i>Leptospira icterohaemorrhagiae, canicola, pomona, hardjo, Bratislava, grippityphosa, & autumnalis</i>	MAT (performed on Tuesdays)	serum	18.00 (1-10) 6.00 (11+)
	PCR	Urine, kidney	25.00
<i>Mycoplasma spp.</i>	PCR	Swab or tissue	25.00
Porcine Epidemic Diarrhea Virus	PCR	Feces, fecal swab, environmental swab, intestine, or feed	30.00
Porcine Parvovirus	FA (performed on Fridays)	Intestine	15.00
Porcine Circovirus	PCR	Lung, suspected infected tissue	25.00
Porcine Reproductive & Respiratory Syndrome (PRRS)	PCR	Lung or infected tissue	30.00
Pseudorabies (Includes Porcine Brucellosis)	g1 ELISA ⁽¹⁾ (Run on Mondays only) (Requires federal chart)	Serum, 1 cc	3.50
Swine Influenza Virus	PCR	Nasal swab, lung	30.00
Transmissible Gastroenteritis	PCR	Feces, fecal swab, intestine	30.00

Serology samples:

Serum samples submitted for serology testing should be removed from clot, free from hemolysis, and refrigerated during shipment. Please centrifuge all serum separator tubes before shipment.

VIROLOGY AND SEROLOGY			
EQUINE	Test Details	Sample	Fee
<i>Anaplasma/Ehrlichia spp.</i>	PCR	<i>preferred:</i> whole blood (EDTA) or spleen	25.00
Eastern Equine Encephalomyelitis (EEE)	ELISA IgM (Send out to TVMDL)	Serum, 1 cc	40.00
	PCR	Brain, cerebrospinal fluid (CSF), oral swabs, other tissues, mosquitoes	30.00
Equine Herpes Virus (EHV-1)	PCR	nasopharyngeal swab, citrated blood early in infection, tissue, CNS samples	25.00
Influenza Virus	PCR	Nasal swab or tissues	30.00
Equine Infectious Anemia (EIA) <i>Add \$3.00 regulatory fee</i>	AGID or ELISA	Serum, 1 cc	4.00
	Request for rush testing	---	20.00 each
Equine Piroplasmiasis	ELISA	Serum, 1 cc (Run on Mondays only)	60.00
<i>Leptospira icterohaemorrhagiae, canicola, pomona, hardjo, Bratislava, grippityphosa, & autumnalis</i>	MAT (performed on Tuesdays)	Serum	18.00 (1-10) 6.00 (11+)
	PCR	Urine, kidney	25.00
<i>Mycoplasma spp.</i>	PCR	Swab or tissue	25.00
West Nile Virus	ELISA IgM (Send out to TVMDL)	Serum, 1 cc	40.00
	PCR	Brain, oral swabs, cerebrospinal fluid (CSF), suspect tissues, mosquitoes	30.00

Serology samples:

Serum samples submitted for serology testing should be removed from clot, free from hemolysis, and refrigerated during shipment. Please centrifuge all serum separator tubes before shipment.

VIROLOGY AND SEROLOGY			
CANINE & FELINE	Test Details	Sample	Fee
<i>Brucella canis</i>	Card agglutination test	Serum, 1 cc	16.00 screen;
	Confirmatory test for positives by AGID (send out to Cornell)	Serum, 1 cc	40.00 plus shipping
Canine Adenovirus CAV-1 and CAV-2	PCR	Nasal/Eye/Oral swab or tissues	25.00
Canine Coronavirus	FA (performed on Fridays)	Intestine	15.00

VIROLOGY AND SEROLOGY			
CANINE & FELINE	Test Details	Sample	Fee
Canine Distemper Virus (CDV)	• IFA IgG titers on serum only (for vaccination status) • IFA IgG and IgM on CSF (performed on Tues. & Fridays)	Serum, CSF (1 cc)	35.00
	FA (performed on Fridays)	tissue	15.00
	PCR	Lung, brain, (other tissues may reveal positive results)	30.00
Canine Herpesvirus 1	PCR	Infected tissues	25.00
Influenza Virus	PCR	Nasal swab or tissues	30.00
Canine Parvovirus (CPV)	ELISA	Feces	20.00
	IFA IgG titers (for vaccination status) (performed on Tues. & Fridays)	Serum, 1 cc	35.00
	PCR	Feces, intestine	25.00
	FA (performed on Fridays)	Intestine, tongue	15.00
Chlamydia spp.	PCR	Swab or tissue	25.00
<i>Ehrlichia/Anaplasma spp.</i>	PCR	<i>preferred:</i> whole blood (EDTA) or spleen	25.00
Feline Calicivirus	PCR	Nasal/ocular/oralswab, lung, tissues	30.00
Feline Herpesvirus	PCR	Nasal/ocular/oral swab, lung, other tissues	25.00
FelV & FIV	ELISA	Serum, whole blood, 1 cc	20.00
Feline Infectious Peritonitis (FIP)	ELISA	Serum, 1 cc	25.00
	PCR	Thoracic or peritoneal fluid	30.00
Feline Panleukopenia Virus	FA (performed on Fridays)	Intestine, lymph node, brain, bone marrow	15.00
<i>Leptospira icterohaemorrhagiae, canicola, pomona, hardjo, bratislava, grippotyphosa, & autumnalis</i>	MAT (performed on Tuesdays)	Serum	18.00 (1-10) 6.00 (11+)
	PCR	Urine or kidney	25.00
<i>Mycoplasma spp.</i>	PCR	Swab or tissue	25.00
<i>Tritrichomonas foetus</i>	Culture bag (each pouch, plus shipping);	(<i>not applicable</i>)	5.00
	PCR	feces shipped in culture bag *Do NOT refrigerate*	25.00

Serology samples:

Serum samples submitted for serology testing should be removed from clot, free from hemolysis, and refrigerated during shipment. Please centrifuge all serum separator tubes before shipment.

AVIAN DIAGNOSTICS			
Test Name	Test Details	Sample	Fee
Avian Encephalomyelitis ⁽²⁾	ELISA ⁽²⁾	Serum, 1 cc	1.22
Avian Influenza	AGID	Serum, 1 cc	2.25
	ELISA	Serum, 1 cc	1.00
	PCR	Tracheal, oropharyngeal, or cloacal swabs, or tissues	30.00
Avian Polyomavirus	PCR	Liver, heart, spleen, or infected tissue	25.00
Chicken Anemia Virus ⁽²⁾	ELISA ⁽²⁾	Serum, 1 cc	1.22
<i>Chlamydia</i> spp.	PCR	Swab or tissue	25.00
Duck Viral Enteritis	PCR	Oral or cloacal swab, liver, spleen, or other tissues	25.00
Histomonas (Blackhead)	PCR	Caeca, liver, or suspect tissues with lesions	25.00
Infectious Bronchitis	ELISA	Serum, 1 cc	1.22
	PCR	Trachea, tracheal swab	30.00
Infectious Bursal Disease	ELISA	Serum, 1 cc	1.22
	PCR	spleen, bursal tissue, lymphoid organs	30.00
Infectious Laryngotracheitis	PCR	Trachea, tracheal swab	25.00
Marek's Disease	PCR	Blood, spleen, or infected tissue	25.00
MG/MS Combo	ELISA	Serum, 1 cc	1.00
<i>Mycoplasma gallisepticum</i> ⁽²⁾	ELISA ⁽²⁾ (MG only)	Serum, 1 cc	1.22
	Plate test	Serum, 1 cc	0.26
	PCR	Swab, trachea, lung, air sac	25.00
<i>Mycoplasma synoviae</i> ⁽²⁾	ELISA ⁽²⁾ (MS only)	Serum, 1 cc	1.22
	Plate test	Serum, 1 cc	0.65
	PCR	Trachea, lung, airsac, swab, synovial fluid, isolate	25.00
Newcastle Disease	ELISA	Serum, 1 cc	1.22
	PCR	Cloacal swab, tracheal swab	30.00
Pacheco's	PCR	tracheal swab, spleen, intestine or air sac	25.00
<i>Pasteurella multocida</i>	PCR	Swab, tissue, isolate	25.00
Reovirus	ELISA	Serum, 1 cc	1.22
<i>Salmonella pullorum</i>	Tube test	Serum, 1 cc	0.50
	Plate test	Serum, 1 cc	0.25
	Microagglutination	Serum, 1 cc	0.50
West Nile Virus	PCR	Swabs, brain, spinal fluid, or other tissues	30.00

Avian serology samples:

Avian serum submitted for serology testing should be removed from clot, free from hemolysis, and refrigerated during shipment.

Number of samples submitted should correspond with test(s) requested on Federal 9-2 or the ALPC poultry submission form.

HEMATOLOGY			
Test Name	Test Details	Sample	Fee
Complete Blood Count (CBC)	WBC, RBC, Hgb, HCT, indices, platelets, manual differential with morphology. Small animal CBC includes blood parasites. Large animal CBC includes fibrinogen.	Whole blood (Lavender top tube with EDTA) For review: LTT with peripheral blood smear	13.50
Complete Blood Count with Hematology Review by Pathologist	Same as CBC (above) but with hematology review* by pathologist <i>*Path. review performed ONLY in conjunction with CBC.</i>		13.50 (CBC) + 10.00 for review
Avian or reptile CBC	WBC, manual differential, RBC morphology, Hgb, PCV, Total protein, and thrombocyte estimate		20.00
Reticulocyte Count	% and absolute count (when done in conjunction with CBC)		10.00
D-Dimer	For transportation or storage >2 hours, separate plasma, put in plain (NO gel) red top tube, and keep frozen *Fill citrate tube completely for the most accurate results.*	Light blue top tube (Sodium citrate tube)	20.00
PT			16.00
APTT			16.00
PT and APTT			30.00
Coagulation Panel			D-Dimer, PT, APTT, & platelet count.

CLINICAL CHEMISTRY			
Test Name	Test Details	Sample	Fee
Complete Profile: Small Animal (SA)	Na, K, Cl, CO ₂ , Anion Gap, Glucose, BUN, Creatinine, B/C ratio, Ca, Phos., Cholesterol, Amylase, TP, Albumin, Globulin, A/G ratio, Total Bilirubin, ALT, AST, GGT, ALP, CPK, Osmolality, Triglyceride	Serum Be sure to either spin serum separator tubes (SST) or to remove serum from the clot prior to sending	25.50
Chem-13 (SA)	Na, K, Cl, CO ₂ , Anion Gap, Glucose, BUN, Creatinine, B/C ratio, TP, Albumin, Globulin, A/G ratio, Total Bilirubin, ALT, GGT, Osmolality		16.00
Avian or Reptile Profile	Na, K, Cl, Uric acid, Glucose, BUN, Creatinine, Ca, Phos., Cholesterol, Amylase, TP, Albumin, Globulin, A/G ratio, Total Bilirubin, ALT, AST, GGT, ALP, CPK, Osmolality		25.50
Complete Profile: Large Animal (LA)	Na, K, Cl, CO ₂ , Anion Gap, Glucose, BUN, Creatinine, B/C ratio, Ca, Phos., Mg, TP, Albumin, Globulin, A/G ratio, Total Bilirubin, ALT, AST, GGT, ALP, CPK, Osmolality		25.50
Chem-13 (LA)	CO ₂ , Glucose, BUN, Creatinine, B/C ratio, Ca, Mg, TP, Albumin, Globulin, A/G ratio, Total Bilirubin, AST, GGT, CPK		15.50
Electrolyte Profile	Na, K, Cl, CO ₂ , Anion Gap		10.50
Mineral Profile	Ca, Mg, P		11.00
Liver Profile	Bilirubin (total, direct, indirect), AST, ALT, ALP, GGT		13.00
Bile Acids	Canine: 12-hr fasting & 2-hr postprandial Equine: single, non-fasting sample recommended		12.50 / test
Renal Profile	BUN, Creatinine, B/C ratio, Phosphorus		13.00
Pancreatic Profile	Amylase, Lipase		15.00
Fructosamine			10.00
Individual Tests	Any chemistry test may be ordered individually		6.00 <i>Lipase 12.00</i>
Urine Protein/Creatinine Ratio			1.0 mL

FLUID EVALUATION			
Test Name	Test Details	Sample	Fee
Urinalysis	Includes Dipstick, Specific Gravity, and Sediment Analysis Volume needed to semi-quantitate sediment	5.0 mL urine	10.00
	Cytology review by pathologist	slide	10.00
Urine Cortisol/Creatinine Ratio	Send out to Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	1.0 ml urine	Call lab for pricing.
Canine Bladder tumor test <i>Trans. Cell Carcinoma</i>	Test should be performed within 48 hr of collection. False positive possible if ↑ protein, glucose, RBC, or WBC	1.0 mL urine	21.50
Stone Analysis	Submit in a clean, dry container (NO formalin); Testing performed on Fridays.	Stone/ Urolith	15.00
Fluid Analysis with Cytology	TP, Specific gravity Un-clotted sample in EDTA needed for RBC & WBC Please send sample in a red-top tube AND a purple-top, EDTA tube.	Thoracic, Peritoneal or Joint fluid (not a "cyst")	40.00
CSF Analysis and Cytology	Sample must be tested within 1 hour, unless preserved Must notify lab prior to submission. TP, specific gravity Unclotted sample in EDTA needed for RBC & WBC Please send sample in a red-top tube AND a purple-top, EDTA tube. Do NOT send in gel.	CSF	40.00

ENDOCRINOLOGY			
Test Name	Test Details	Sample	Fee
Total T4	Lipemia may increase thyroid concentrations. <i>(Discounted pricing applies to tests ordered at the same time.)</i> Testing done by chemiluminescence.	Separated serum or Spun Serum Separator Tube	13.00 for one; 6.50 each add'l
Free T4			
TSH <i>(canine only)</i>			
T4-TSH Combo <i>(canine only)</i>			19.50 (Thyroid profile – 2-test combo)
T4-Free T4 Combo			
Free T4-TSH Combo <i>(canine only)</i>			
T4-Free T4-TSH Combo <i>(canine only)</i>			
Cortisol (Resting, baseline)	Lipemia may decrease cortisol concentrations.	Separated serum (Do NOT use gel -barrier tube.)	16.00 for one; 6.00 each add'l
ACTH Stim. (Pre & Post cortisol)			
Low/high Dose Dex (Pre & Post cortisol)			

ENDOCRINOLOGY

Test Name	Test Details	Sample	Fee
Progesterone	Canine or equine	Serum (NOT in serum separator or gel-barrier tubes)	16.00
Relaxin <i>Canine/feline pregnancy</i>	Dog must be at least 27 days post-breeding.	0.5 ml serum or heparinized or EDTA blood	22.00
Estrone Sulfate <i>equine pregnancy</i>	Best pregnancy test if horse is >60 days pregnant. Testing performed at TVMDL.	Serum	Call for pricing.
PMSG (eCG) <i>equine pregnancy</i>	Horse must be 38-120 days pregnant. With this test, mare may test positive even if foal is aborted.	Serum	15.00
Bovine Pregnancy (Run on Mondays only)	ELISA (as early as 28 days post breeding or ≥ 60 days post calving)	Serum	1-4 \$20.00 5-10 \$ 5.00 11+ \$ 3.00
TLI, PLI, Cobalamin, Folate	Performed at TAMU GI lab	12-hour fasting serum	Call for pricing

IMMUNOLOGY

Test Name	Test Details	Sample	Fee
Direct Coombs	Canine, feline	Whole blood (EDTA)	16.00
CITE test	Failure of passive transfer in foals	Serum	18.00

PARASITOLOGY

Test Name	Test Details	Sample	Fee
Hemoparasites	Direct blood examination for <i>Ehrlichia</i> , <i>Babesia</i> , <i>Hemobartonella</i> , <i>Cytauxzoon</i> , <i>Anaplasma</i> , etc. (as appropriate for the species of animal)	Whole blood (EDTA) & unstained slide(s)	7.50
Tick Profile	Direct blood exam; <i>E. canis</i> & RMSF IFA screen. Test performed on Tuesday & Friday.	Whole blood (EDTA) & serum	36.00
<i>Ehrlichia canis</i> IFA screen	Testing performed on Tuesday & Friday. IFA screen will be done, unless titer is specified.	Serum	15.00 screen 28.00 titer
Rocky Mountain Spotted Fever IFA screen	Testing performed on Tuesday & Friday. IFA screen will be done, unless titer is specified.	Serum	15.00 screen 28.00 titer
<i>Babesia canis</i> IFA screen	Testing performed on Tuesday & Friday. IFA screen will be done, unless titer is specified.	Serum	15.00 screen 28.00 titer

PARASITOLOGY			
Test Name	Test Details	Sample	Fee
Lyme, <i>Ehrlichia canis</i> , <i>E. ewingii</i> , <i>A. phagocytophilum</i> , <i>A. platys</i> & Heartworm	For dogs regardless of Lyme vaccination status All tests, except heartworm, are for antibodies. Heartworm test is for antigen. All tests are by IDEXX 4Dx SNAP Plus.	Whole blood, serum, or plasma (EDTA or heparin)	23.00
Heartworm Antigen	Dirochek® for dogs Detects mature female worms <i>Testing performed on Tuesdays and Fridays only.</i>	Serum or plasma (EDTA or heparin)	9.00
Heartworm Antibody	Heska® for cats	Serum or plasma (EDTA or heparin)	11.00
Microfilaria Identification	Modified Knott's and direct smear	Whole blood (EDTA); minimum: 1 ml	12.00
Fecal Flotation		Feces (4 g)	12.00
Direct Fecal Smear		Feces (1 g)	7.00
Fecal Egg Count (Equine, Ovine, Caprine)		Feces (4 g)	16.00
<i>Giardia</i> antigen test		Feces (1 g)	15.00
Baermann	Test for lung flukes	Feces (20 g minimum)	18.00
<i>Tritrichomonas foetus</i>	Culture bag (each pouch, plus shipping);	(not applicable)	5.00
	PCR; preputial or vaginal wash sample shipped in a culture bag (Bovine) *Do NOT refrigerate* PCR; feces shipped in culture bag (Feline) *Do NOT refrigerate*	Wash (bovine) Feces (feline)	25.00

DRUGS			
Remove serum from clot. Don't use serum separator tubes because gel can absorb drugs.			
Test	Test Details	Sample	Fee
Phenobarbital		Separated serum (1 ml)	20.00
Bromide (KBr)		Separated serum (1 ml)	25.00
Phenylbutazone (Bute)		Separated serum (2 ml)	25.00
Other drugs	Individual drugs or screens are available by request	Urine	Contact lab

TOXICOLOGY

Test	Comments	Matrix	Min Sample	Price
Aflatoxin	Quantification	Feed	100 g (4 oz)	60.00
Ammonia	Freeze sample as soon as possible in air-tight container	Rumen contents	25 g	20.00
Anticoagulant rodenticides	False negatives common with blood. PT & PTT are better tests in live animals.	Liver	5 g (1/4 oz)	60.00
Bromethalin	Neurotoxic rodenticide	Liver, bait, GI contents	10 g (1/2 oz)	60.00
Cantharidin	Toxin from blister beetles	Urine, serum, GI contents	10 mL 100 g (4 oz)	60.00
Carbamate	screen	Liver, stomach contents, bait	10 g (1/2 oz)	50.00 <i>per screen</i>
Chlorinated pesticides	Chlorinated hydrocarbon insecticides	Poultry Fat	50 g (2 oz)	50.00
Cyanide	Freeze sample as soon as possible in air-tight container	Plants, GI contents	25 g (1 oz)	10.00
Ethylene glycol by GC/MS	For dogs treated with drugs that contain glycols and for cats	Serum, urine kidney Stomach contents, bait	1 mL 10 g (1/2 oz) 25 g (1 oz)	50.00
Fumonisin	Quantification	Feed	100 g (4 oz)	60.00
Metaldehyde	Snail or slug bait	Bait, stomach contents	5 g (1/4 oz)	30.00
Nitrate & nitrite		Serum, ocular fluid Hay, forage	2 mL 10 g (1/2 oz)	10.00 20.00
pH		GI contents, fluids, etc.	5 mL	5.00
Strychnine		Urine GI contents, bait liver	10 mL 5 g (1/4 oz) 50 g (2 oz)	40.00
Urea		Feed	5 g (1/4 oz)	25.00
Toxicant screen	Contact lab for consultation	Stomach contents, bait, tissue, urine		60.00

Minerals & Metals: Testing for both toxic and deficient levels.

Test	Comments	Matrix	Min. Sample	Price
Arsenic		Blood Urine	1 mL 5 mL	30.00
Lead		Blood (EDTA)	1 mL	20.00
Metal Panel	As, Cu, Fe, Mo, Pb, Zn	Liver (best sample) kidney	5 g (1/4 oz)	30.00 (for one) 20.00 (for each add'l)
Selenium		Blood (EDTA) Liver	1 mL 5 g (1/4 oz)	30.00 (for one) 20.00 (for each add'l)
Sodium		Ocular fluid, CSF	1 mL	20.00
Trace Element Panel	Cu, Fe, Zn, Ca, Mg	Serum <i>Royal Blue top tube for zinc</i>	2 mL	20.00 (for one) 15.00 (for each add'l)

Toxicology Samples:

Samples for Toxicology can be stored refrigerated or frozen, but not in formalin. Refrigerate blood (EDTA).