



Arkansas Veterinary Diagnostic Laboratory

1 Natural Resources Drive, Little Rock, AR 72205

Phone: 501-823-1730

<https://agriculture.arkansas.gov/laboratory-services/veterinary-diagnostic-lab/>

List of Tests and Fees

A \$4.00 sample accessioning fee will be applied to all submissions. EIA (Coggins) submissions will NOT be charged the accessioning fee.

This document is updated regularly.

Check the REVISION DATE in the lower left corner of this document to ensure you have the most recent version.

Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
CHEM	Aflatoxin Screen (Reveal Q+ Test)		Feed sample (100 g)	\$60	7-10 days	
MOD	African Swine Fever Virus qPCR	swine	Whole blood, tonsil, spleen, lymph node, spleen swab, blood swab	\$35	1-3 days	
SER	Anaplasma ELISA	mammals	Serum (1 mL)	\$6/sample up to 10 samples; \$3/sample for each addl sample	Reported on Monday	Performed on Mondays only. Samples must be received by EOB on Friday for results to be reported on Monday.
CLIN	Anaplasma Screen	Bovine	EDTA whole blood (1 mL)	\$4	1 day	
SER	Avian Encephalomyelitis ELISA	avian	Serum (1 mL)	\$1.22	1-2 days	



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SER	Avian Influenza (AI) AGID (NPIP)	poultry	Serum (1 mL)	\$2.25	1-2 days	Samples must be received by noon on day of testing. Positives sent to NVSL for confirmation, and TAT increases to 5-7 days.
SER	Avian Influenza (AI) ELISA (NPIP)	poultry	Serum (1 mL)	\$1.00	1-2 days	
MOD	Avian Influenza (AI) Matrix qPCR	Avian	Oropharyngeal swabs (gallinaceous poultry), cloacal swabs (waterfowl, wild birds)	\$35	1-3 days	Notify lab in advance if submitting a large number of samples. Swabs must be submitted in BHI broth. Up to 5 swabs may be pooled in 3.0 mL BHI. Up to 11 swabs may be pooled in 5.5 mL BHI. Please note number of swabs per pool on the broth tube.
MOD	Avian Metapneumovirus (aMPV) Type A qPCR	avian	Tracheal or oropharyngeal swab in BHI (synthetic swab with plastic shaft), fresh trachea	\$35 for first subtype requested, \$15 for each additional subtype	1-3 days	Must use synthetic swab with plastic handle. Up to 5 swabs can be pooled in 3 mL BHI or up to 11 swabs in 5.5 mL BHI. Please note number of swabs per pool on the tube or the submission form.



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MOD	Avian Metapneumovirus (aMP) Type B qPCR	avian	Tracheal or oropharyngeal swab in BHI (synthetic swab with plastic shaft), fresh trachea	\$35 for first subtype requested, \$15 for each additional subtype	1-3 days	Must use synthetic swab with plastic handle. Up to 5 swabs can be pooled in 3 mL BHI or up to 11 swabs in 5.5 mL BHI. Please note number of swabs per pool on the tube or the submission form.
MOD	Avian Metapneumovirus (aMPV) Type C qPCR	avian	Tracheal or oropharyngeal swab in BHI (synthetic swab with plastic shaft), fresh trachea	\$35 for first subtype requested, \$15 for each additional subtype	1-3 days	Must use synthetic swab with plastic handle. Up to 5 swabs can be pooled in 3 mL BHI or up to 11 swabs in 5.5 mL BHI. Please note number of swabs per pool on the tube or the submission form.
SER	Avian Metapneumovirus (aMPV) ELISA	avian	Serum, 0.5-1 mL	\$3.50	1-3 days	Does not differentiate between serotypes.
MOD	Avian Paramyxovirus Types 1 (Newcastle Disease Virus) Matrix qPCR	avian	Oropharyngeal swabs (gallinaceous poultry), cloacal swabs (waterfowl, wild birds)	\$35	1-3 days	Swabs must be submitted in BHI broth. Up to 5 swabs may be pooled in 3.0 mL BHI. Up to 11 swabs may be pooled in 5.5 mL BHI. Please note number of swabs per pool on the submission form.



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MOD	Avian Polyomavirus PCR	avian	Liver, heart, spleen	\$35	1-3 days	
MIC	Bacterial aerobic culture (no sensitivities)		Swab, tissue, urine, or other body fluids	\$23	2-5 days	Submit in aerobic culturette or sterile container. For feces, see Fecal Culture Panel.
MIC	Bacterial aerobic culture and antibiotic sensitivities (non-poultry).		Performed on in-house cultured aerobic bacterial isolates	\$23 plus \$13.50/isolate	3-5 days	
MIC	Bacterial aerobic culture and antibiotic sensitivities (poultry)		Performed on in-house cultured aerobic bacterial isolates	\$23 plus \$10/isolate	3-5 days	
MIC	Bacterial anaerobic culture		Swab, tissue, or body fluid	\$35	4-7 days	
CLIN	Bile Acid Panel <ul style="list-style-type: none"> • Fasting and post-prandial samples • Fasting sample • Post-prandial sample 	canine, feline, equine	Serum (0.5 mL minimum). Centrifuge before sending.	\$26 for fasting and post-prandial samples from the same animal. \$13.50 for one sample.	1 day	Underfilled tubes may yield inaccurate results. Canine, feline: 12 hour fasted sample for baseline; post-prandial sample collected 2 hours after eating. Equine: Single, non-fasted sample.



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CLIN	Blood Chemistry Electrolyte Panel. Includes Na, K, Cl, CO2, anion gap.		Serum (1.0 mL minimum). Centrifuge before sending.	\$10.50	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Blood Chemistry Liver Panel. Includes Total Bilirubin, AST, ALT, ALP, GGT. If Total Bilirubin is elevated, profile includes Indirect/Direct Bilirubin.		Serum (1.0 mL minimum). Centrifuge before sending.	\$14	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Blood Chemistry Mineral Panel. Includes Ca, P, Mg.		Serum (1.0 mL minimum). Centrifuge before sending.	\$11	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Blood Chemistry Renal Panel. Includes BUN, Cr, BUN/Cr ratio, P.		Serum (1.0 mL minimum). Centrifuge before sending.	\$13	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Blood Chemistry. Any blood test may be ordered individually. Please identify the specific electrolyte, protein, or other component.		Serum. Centrifuge before sending.	\$6	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.



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CLIN	Blood Parasite Profile. Direct examination/screening of whole blood for hemoparasites including Ehrlichia, Babesia, Hemobartonella (M. haemofelis), Cytauxzoon, Anaplasma, etc., as appropriate for species of animal.		EDTA blood and unstained, air-dried smear slides	\$7.50	1 day	
MOD	Bluetongue Virus PCR	domestic and wild ruminants	EDTA whole blood, infected tissue	\$35	1-3 days	
MOD	Bovine Coronavirus PCR	bovine	Feces (2 g or 2 mL), intestine, lung, nasal swab, infected tissue	\$35	1-3 days	
MOD	Bovine Herpesvirus-1 (BHV-1) (Infectious Bovine Rhinotracheitis, IBR) PCR	bovine	Nasal swab, suspect tissue	\$35	1-3 days	
SER	Bovine Leukemia Virus (BLV) ELISA	bovine	Serum (1 mL)	\$8	Reported on Monday	Performed on Mondays only. Samples must be received by EOB on Friday for results to be reported on Monday.
MOD	Bovine Rotavirus PCR	bovine	Feces (2 g or 2 mL), intestine	\$35	1-3 days	



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MOD	Bovine Viral Diarrhea Virus (BVDV) PI SNAP	bovine	Ear notch (fresh tissue only), serum	\$5.50	1-2 days	Do not send tissues in fixative or preservative. Notify lab if submitting more than 20 samples.
MOD	Bovine Viral Diarrhea Virus (BVDV) qPCR	bovine	EDTA whole blood (5 mL), nasal swab, suspect tissues	\$35	1-3 days	
CLIN	Brucella canis Antibody Screen, Chromatographic Immunoassay		Serum (1 mL)	\$16	2-4 days	



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SER	Brucellosis BAPA (plate agglutination) (B. abortus and B. suis)	bovine and swine ONLY	Serum (1 mL)	\$2	1-7 days	See Notes below.
<p><u>Federal ID numbers are required for all samples.</u></p> <p>Federal Brucellosis Chart is required for bovine samples. Samples will not be processed until the relevant chart is received.</p> <p>AR Porcine Serology Chart is required for COMBINED porcine brucellosis and pseudorabies submissions.</p> <p>BAPA test is performed Monday through Friday if it is the only test requested. Samples must be received by noon for same-day reporting. If plate agglutination is positive, samples will be sent to NVSL for confirmation.</p> <p>Swine: Samples tested in house. Negative results can be reported. If pseudorabies is also requested, both tests will be run on the next testing day. Samples MUST be received by 8 a.m. on the day of the scheduled testing or they will be held until the next testing day.</p> <p>See notes for Pseudorabies for more information regarding porcine sample testing.</p> <p>AR Porcine Serology Chart (fillable PDF): See Forms/Resources - Arkansas Department of Agriculture</p>						



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SER	Brucellosis Card Test (B. abortus and B. suis)	ovine, caprine, and camelids	Serum (1 mL)	\$2	Same day, but see Notes	See Notes below.
		<p><u>Federal ID numbers are required for all samples.</u></p> <p>Card test is performed Monday through Friday if only this test is requested. Samples must be received by noon for same-day reporting. Please allow an additional day for submissions with more than 50 samples.</p> <p>Positive samples are sent to NVSL for confirmation, and additional fees will apply. For samples sent to NVSL, turnaround time is subject to their schedule.</p>				
MIC	Campylobacter Isolation		Feces, intestinal swab	\$14	3-5 days	
MOD	Canine Adenovirus (CAV-1 and CAV-2) PCR	canine	Nasal, eye, or oral swab, tissues	\$35	1-3 days	
CLIN	Canine Distemper Virus IgG and IgM Screen IFA	canine	CSF (1 mL)	\$35	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.



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CLIN	Canine Distemper Virus IgG Vaccine Titer IFA	canine	Serum (1 mL)	\$35	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
MOD	Canine Distemper Virus PCR	canine	conjunctival swab, brain, lung	\$35	1-3 days	
MOD	Canine Herpesvirus-1 PCR	canine	Swabs, tissues	\$35	1-3 days	
CLIN	Canine Parvovirus IgG Vaccine Titer IFA	canine	Serum (1 mL)	\$35	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
MOD	Canine Parvovirus PCR	canine	Feces, intestine, swab	\$35	1-3 days	
MOD	Caprine Herpesvirus-1 PCR	caprine	Swab, tissue	\$35	1-3 days	
CHEM	Carbamate Screen (GC/MS)		stomach contents, vomitus, bait, feed	\$60	7-10 days	



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CLIN	Chem-13 Panel Large Animal. Includes Ca, Mg, CO ₂ , glucose, BUN, Cr, BUN/Cr ratio, TP, albumin, globulin, A/G ratio, total bilirubin, AST, GGT, CPK.	bovine, caprine, ovine, camelids, equids, wild ruminants	Serum (1.0 mL minimum). Centrifuge before sending.	\$15.50	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Chem-13 Panel Small Animal. Includes Na, K, Cl, glucose, BUN, Cr, BUN/Cr ratio, CO ₂ , anion gap, TP, albumin, globulin, A/G ratio, total bilirubin, ALT, GGT, osmolality.	canine, feline, swine, small mammals	Serum (1.0 mL minimum). Centrifuge before sending.	\$16	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Chemistry Panel Complete Avian/Reptile. Includes Na, K, Cl, Ca, P, uric acid, glucose, BUN, Cr, cholesterol, amylase, TP, albumin, globulin, A/G ratio, total bilirubin, ALT, AST, GGT, ALP, CPK, osmolality.	avians, reptiles	Serum (1.0 mL minimum). Centrifuge before sending.	\$25.50	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
CLIN	Chemistry Panel Complete Large Animal. Includes Na, K, Cl, Ca, P, Mg, CO ₂ , anion gap, glucose, BUN, Cr, BUN/Cr ratio, TP, albumin, globulin, A/G ratio, total bilirubin, ALT, AST, GGT, ALP, CPK, osmolality.	bovine, caprine, ovine, camelids, equids, wild ruminants	Serum (1.0 mL minimum). Centrifuge before sending.	\$25.50	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.



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CLIN	Chemistry Panel Complete Small Animal. Includes Na, K, Cl, Ca, P, glucose, BUN, Cr, BUN/Cr ratio, CO ₂ , anion gap, cholesterol, triglycerides, amylase, TP, albumin, globulin, A/G ratio, total bilirubin, ALT, AST, GGT, ALP, CPK, osmolality.	canine, feline, swine, small mammals	Serum (1.0 mL minimum). Centrifuge before sending.	\$26.50	1 day	Underfilled tubes may yield inaccurate results. For best results, separate serum from the clot in a tube with no additives.
SER	Chicken Anemia Virus ELISA	poultry	Serum (1 mL)	\$1.22	1-2 days	
MOD	Chlamydiaceae spp. qPCR		spleen, liver, kidney tissue or swab	\$35	1-3 days	
MOD	Classical Swine Fever (CSF) qPCR	swine	Tonsil, tonsil scraping, spleen, lymph node	\$35	1-3 days	
MIC	Clostridium spp. FA (C. chauvoei, C. novyji, C. septicum, C. sordelli)		Skeletal muscle, heart, other tissue	\$15	2-4 days	
CLIN	Complete Blood Count (CBC) Large Animal. Includes Hct, WBC, RBC, Hgb, indices, platelets, manual differential with morphology. Large animal CBC includes fibrinogen.	bovine, caprine, ovine, camelids, equids, wild ruminants	EDTA whole blood and air-dried smear slide	\$13.50	1 day	Underfilled tubes may yield inaccurate results.



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CLIN	Complete Blood Count (CBC) Small Animal. Includes Hct, WBC, RBC, Hgb, indices, platelets, manual differential with morphology. Small animal CBC includes direct examination for blood parasites.	canine, feline, swine, small mammals	EDTA whole blood and air-dried smear slide	\$14.50	1 day	Underfilled tubes may yield inaccurate results.
CLIN	Complete Blood Count (CBC) Small Animal with Manual Reticulocyte Count. Includes percent and absolute count if done with CBC.		EDTA whole blood and air-dried smear slide	\$24.50	1 day	Underfilled tubes may yield inaccurate results.
CLIN	Cortisol (baseline). To screen, diagnose, or monitor therapeutic treatment for Cushing's.		Separated serum (0.5 mL minimum). Do not use gel separator tubes.	\$16 for one sample	1 day	
CLIN	Cortisol--ACTH Stimulation Test. To screen, diagnose, or monitor therapeutic treatment for Cushing's.		Two samples (0 and 4 hr) of separated serum. Do not use gel separator tubes.	\$22 for two samples or \$28 for three samples from same animal	1 day	Lipemia may decrease cortisol concentration.
CLIN	Cortisol--Dexamethasone Suppression Test. To screen, diagnose, or monitor therapeutic treatment for Cushing's.		Three samples (0, 4, and 8 hr) of separated serum. Do not use gel separator tubes.	\$28 for three samples from same animal	1 day	Lipemia may decrease cortisol concentration.



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CHEM	Cyanide (Gas detection tube)		Plants, GI contents (25 g)	\$10	7-10 days	Freeze sample immediately after collecting in an airtight container.
MIC	Dermatophyte Culture. Includes isolation and identification.		Hair, skin swabs, skin scrapings	\$13	2-4 weeks	Samples should be sent in dry, sterile containers.
CLIN	Direct Coombs. Used to diagnose IMHA.	canine, feline	EDTA blood (1.0 mL minimum)	\$16	1 day	
REC	Disposal, carcass disposal only <ul style="list-style-type: none"> • < 100 lb per animal • 100-200 lb per animal • 200-500 lb per animal • > 500 lb per animal 		No diagnostic testing performed.	\$30/animal \$50/animal \$250/animal \$300/animal		Please call before bringing in a large carcass.
CHEM	Drug Screen and Confirmation (GC/MS)		Urine			Contact Lab for current pricing and other information.
MOD	Duck Viral Enteritis qPCR	duck	Oral or cloacal swab, liver, spleen, other tissue	\$35	1-3 days	



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MOD	Eastern Equine Encephalomyelitis (EEE) qPCR	avian, mammal	avian: tissue, swab mammal: CSF, brain, tissue	\$35	1-3 days	
CLIN	Ehrlichia canis Screen		Serum (0.5 mL minimum)	\$15	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
CLIN	Ehrlichia canis Titer		Serum (1.0 mL minimum)	\$28	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
MOD	Ehrlichia spp./Anaplasma spp. qPCR	mammals	EDTA whole blood, spleen	\$35	1-3 days	Does not distinguish between Ehrlichia spp. and Anaplasma spp. Does not detect A. ovis or A. bovis. Also see test for Theileria orientalis Ikeda.
MOD	Epizootic Hemorrhagic Disease qPCR	cervids, domestic and wild ruminants	EDTA whole blood, spleen, liver	\$35	1-3 days	
MOD	Equine Herpesvirus-1 (EHV-1) PCR	equine	Nasopharyngeal swab, citrated blood if early in infection process, CNS tissue, other tissue	\$35	1-3 days	



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SER	Equine Infectious Anemia (EIA) ELISA	equine	Serum (1 mL)	\$5 plus \$3 regulatory fee	Cut off time is noon for same-day turnaround	Samples must be received by noon for same-day reporting. Non-negative tests will be sent to NVSL for confirmation and turnaround times are subject to their schedule.
SER	Equine Infectious Anemia (EIA) AGID	equine	Serum (1 mL)	\$5 plus \$3 regulatory fee	1-2 days	EIA ELISA is the default test performed at AR VDL. Please call the lab for more details regarding EIA AGID testing. Non-negative tests will be sent to NVSL for confirmation and turnaround times are subject to their schedule.
CLIN	Fecal Baermann (lung flukes)		Feces (minimum 20 g)	\$18	1 day	Samples must be less than 48 hours old for fluke viability. Tests are not run on Fridays.
MIC	Fecal Culture Panel		Feces	\$37	3-5 days	Includes aerobic culture, Salmonella screen, Campylobacter isolation.



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CLIN	Fecal Egg Count	bovine, caprine, ovine, swine, camelids, equids, wild ruminants	Feces (4 g minimum)	\$16	1 day	
CLIN	Fecal Floatation	canine, feline, small mammals	Feces (4 g)	\$12	1 day	
CLIN	Giardia Antigen Test		Feces (1 g)	\$15	1 day	
CLIN	Fecal Direct Smear		Feces (1 g)	\$7	1 day	
CLIN	Fecal Occult Blood		Feces (1 g)	\$5	1 day	
MOD	Feline Calicivirus PCR	feline	Nasal, ocular, or oral swab, lung, tissue	\$35	1-3 days	
MOD	Feline Herpesvirus PCR	feline	Nasal, ocular, or oral swab, lung, tissue	\$35	1-3 days	
MOD	Feline Infectious Peritonitis (FIP) PCR	feline	Thoracic or peritoneal fluid, EDTA whole blood	\$35	1-3 days	



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MOD	Feline Panleukopenia Virus qPCR	feline	Feces, intestinal contents, rectal swab, intestine, other suspect tissues	\$35	1-3 days	
MOD	Foot and Mouth Disease qPCR	bovine, caprine, ovine, swine, camelids, wild ruminants	Tissue with vesicular lesions, oral or lesion swab	\$35	1-3 days	
CHEM	Fumonisin Screen (Reveal Q+ Test)		Feed sample (100 g)	\$60	7-10 days	
SER	Fungal Aspergillosis Serology AGID		Serum (1 mL)	\$12	Next business day	
SER	Fungal Blastomycosis Serology AGID		Serum (1 mL)	\$12	Next business day	False negative possible.
SER	Fungal Coccidioidomycosis Serology AGID		Serum (1 mL)	\$12	Next business day	
SER	Fungal Histoplasmosis Serology AGID		Serum (1 mL)	\$12	Next business day	False negative possible.
SER	Fungal Serology Profile AGID (Aspergillus, Blastomyces, Coccidioides, Histoplasma)		Serum (1 mL)	\$45/panel	Next business day	



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CLIN	Heartworm Antigen (canine). Dirocheck for dogs. Detects mature female worms.	canine	EDTA or heparinized whole blood, serum (0.5 mL minimum)	\$9	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
CLIN	Heartworm Microfilaria Identification. Modified Knott's and direct blood smear.		EDTA blood (1.0 mL minimum)	\$12	1 day	
MOD	Histomonas meleagridis (Blackhead) PCR	avian	Caeca, liver, suspect tissue with lesions	\$35	1-3 days	
PATH	Histopathology with Report. Includes routine H&E staining. Special stains at the discretion of pathologist.		Formalinized or paraffin-embedded tissue.	\$40 first site, \$6 each addl site	3-5 days	
SER	Infectious Bronchitis Virus (IBV) ELISA	avian	Serum (1 mL)	\$1.53	1-2 days	
MOD	Infectious Bronchitis Virus (IBV) PCR	avian	Tracheal, oropharyngeal, or cloacal swab; trachea tissue	\$35	1-3 days	
SER	Infectious Bursal Disease (IBD) ELISA	avian	Serum (1 mL)	\$1.53	1-2 days	



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SER	Infectious Bursal Disease-Extended Range (IBD-XR) ELISA	avian	Serum (1 mL)	\$1.22	1-2 days	
MOD	Infectious Bursal Disease (IBD) PCR	avian	Spleen, bursal tissue, lymphoid tissue	\$35	1-3 days	
MOD	Infectious Laryngotracheitis (ILT) qPCR	avian	Tracheal swab, tracheal tissue, allantoic membrane	\$35	1-3 days	
MOD	Influenza A qPCR		Nasal swab or tissues	\$35	1-3 days	
MIC	Listeria screen		Swab, tissue	\$14	3-5 days	
MOD	Leptospira interrogans qPCR		Urine, kidney	\$35	1-3 days	
MOD	Malignant Catarrhal Fever qPCR	bovine, domestic and wild ruminants, cervids, swine	Whole blood, tissue, swab	\$35	1-3 days	
MOD	Mareks Disease qPCR	avian	Spleen or EDTA whole blood	\$35	1-3 days	



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
CHEM	Metaldehyde (GC/MS)		Stomach contents, vomitus, bait, urine	\$60	7-10 days	
SER	Johne's Disease (<i>Mycoplasma avium</i> subspecies <i>paratuberculosis</i>) ELISA	bovine	Serum (1 mL)	\$6 for one sample, \$5/sample if more than one sample is submitted at the same time	Reported on Monday	Performed on Mondays only. Samples must be submitted by EOB on Friday for results to be reported on Monday.
MOD	<i>Mycoplasma avium</i> subspecies <i>paratuberculosis</i> (Johne's Disease) qPCR	bovine	Feces (2 g), intestine	\$35	1-3 days	Notify lab in advance if submitting a large number of samples.
MOD	<i>Mycoplasma</i> spp. qPCR	Non-avian species	Tissue, swab, any fluid	\$35	1-3 days	
MOD	<i>Mycoplasma gallisepticum</i> (MG) and <i>Mycoplasma synoviae</i> (MS) multiplex qPCR	avian	Trachea, tracheal swab, lung, air sac, synovial fluid, previously cultured isolates	\$45	1-3 days	This is a multiplex PCR assay that detects both MG and MS and differentiates between the two.
SER	MG Plate Agglutination (NPIP) (<i>Mycoplasma gallisepticum</i>)	poultry	Serum (1 mL)	\$0.26	1-2 days	Positives sent to UA-VDL for HI testing.



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SER	MS Plate Agglutination (NPIP) (Mycoplasma synoviae)	poultry	Serum (1 mL)	\$0.65	1-2 days	Positives sent to UA-VDL for HI testing.
SER	MS/MG Combo ELISA (NPIP) (Mycoplasma synoviae/M. Gallisepticum)	poultry	Serum (1 mL)	\$1.25	1-2 days	
PATH	<p>Necropsy Equine Includes histopathology if applicable.</p> <ul style="list-style-type: none"> • abortion or neonate (< 10 d age) • <200 lb per animal • 200-400 lb per animal • 400-800 lb per animal • 800-1200 lb per animal • > 1200 lb per animal 	equids	For abortions, submitting both fetus and placenta can improve diagnostic results.	<p>Ancillary test fees are in addition to base necropsy fee.</p> <p>\$90/animal</p> <p>\$175/animal</p> <p>\$200/animal</p> <p>\$225/animal</p> <p>\$250/animal</p> <p>\$275/animal</p>	2-3 weeks	Please call before bringing in a large carcass.



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
PATH	<p>Necropsy Livestock and Wildlife Includes histopathology if applicable.</p> <ul style="list-style-type: none"> • abortion or neonate (<10 d age) • <100 lb per animal • 100-500 lb per animal • 500-900 lb per animal • 900-1200 lb per animal • 1200-1500 lb per animal • > 1500 lb per animal 	bovine, caprine, ovine, swine, camelids, cervids, wild ruminants	<p>Livestock includes domestic, exotic, and wild animals.</p> <p>For abortions, submitting both fetus and placenta can improve diagnostic results.</p>	<p>Ancillary test fees are in addition to base necropsy fee.</p> <p>\$90/animal</p> <p>\$70/animal; \$20/animal for each addl</p> <p>\$90/animal</p> <p>\$150/animal</p> <p>\$175/animal</p> <p>\$200/animal</p> <p>\$225/animal</p>	2-3 weeks	Please call before bringing in a large carcass.
PATH	<p>Necropsy Poultry, Backyard Flock Includes histopathology if applicable.</p>	poultry	Birds, prefer live	<p>\$60/bird</p> <p>Ancillary test fees are in addition to base necropsy fee.</p>	2-3 weeks	Use regular Lab Submission form. Cost may be offset by grant funding. Please contact the lab.



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
PATH	Necropsy Poultry, Commercial Includes histopathology if applicable.	poultry	6-8 birds per house, prefer live	\$60/house Ancillary test fees are in addition to base necropsy fee.	2-3 weeks	Use Commercial Poultry Submission Form .
PATH	Necropsy Small Animal Includes histopathology if applicable.	canine, feline, small mammal, reptile, non-poultry avian	Carcass	\$80/animal Ancillary test fees are in addition to base necropsy fee.	2-3 weeks	Includes companion animals, pet birds, and exotic.
PATH	Necropsy Small Animal Abortion or Neonate (< 10 days age) Includes histopathology if applicable.	canine, feline, small mammal	Fetus and placenta	\$70/animal; \$15/animal for each addl. Ancillary test fees are in addition to base necropsy fee.	2-3 weeks	Submitting both fetus and placenta can improve diagnostic results.
MOD	Neospora caninum qPCR		Brain, heart, liver, kidney, suspect tissues	\$35	1-3 days	
SER	Newcastle Disease Virus (NDV) ELISA	avian	Serum (1 mL)	\$1.53	1-2 days	



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
MOD	Avian Paramyxovirus Type 1 (Newcastle Disease Virus) Matrix qPCR	avian	Oropharyngeal swabs (gallinaceous poultry), cloacal swabs (waterfowl, wild birds)	\$35	1-3 days	Swabs must be submitted in BHI broth. Up to 5 swabs may be pooled in 3.0 mL BHI. Up to 11 swabs may be pooled in 5.5 mL BHI. Please note number of swabs per pool on the submission form.
CLIN	Nitrate	ruminants	Ocular fluid ONLY (1.0 mL minimum)	\$10	1 day	
SER	<p>NPIP Serology Tests. These tests are suitable for NPIP requirements. Please select which tests you need. If you need further assistance, please call the lab.</p> <ul style="list-style-type: none"> • Avian Influenza (AI) AGID • Avian Influenza (AI) ELISA • MS/MG Combo ELISA • MS Plate Agglutination • MG Plate Agglutination • Pullorum Microagglutination • Pullorum Plate Test • Pullorum Tube Test 	poultry				<p>See entries for individual tests for more information.</p> <p>These tests are suitable for NPIP requirements. Please select which tests you need.</p> <p>If you need further assistance, please call the lab.</p>



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
CLIN	Phenobarbital		Separated serum (1 mL)	\$20	1 day	Underfilled tubes may yield inaccurate results.
MOD	Psittacine Herpesvirus (Pacheco's Disease) PCR	avian	Trachea, tracheal swab, spleen, intestine, air sac	\$35	1-3 days	
MOD	Pasteurella multocida qPCR		Swabs, tissues, bacterial isolates	\$35	1-3 days	
CHEM	pH		Water, fluids, rumen contents	\$10	1-3 days	
MOD	Porcine Circovirus-2 PCR	swine	Lung, suspect tissue	\$35	1-3 days	
MOD	Porcine Reproductive and Respiratory Syndrome (PRRS) PCR	swine	Lung, suspect tissue	\$35	1-3 days	
CLIN	Progesterone	canine, equine	Serum (0.5 mL minimum). Do not use gel separator tubes.	\$17	1 day	



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
SER	Pseudorabies (PRV) gB ELISA	swine	Serum (1 mL)	\$3 each		<p>An AR Porcine Serology Chart is required for COMBINED porcine brucellosis and pseudorabies sample submissions.</p> <p>A federal Brucellosis Chart can only be used for brucellosis. Samples will not be tested until the relevant chart is received.</p> <p>Tests are performed on Mondays only. The sample submission cutoff time is 8 a.m. Monday. Samples submitted after the cutoff time will be held until the next scheduled testing day.</p> <p>During the AR State Fair show season, a second day of testing will be offered on Thursdays with a sample cutoff time of 8 a.m. Thursday. Samples submitted after the cutoff time will be held until the next scheduled testing day.</p> <p>The default test is the PRV gB ELISA. Any gB reactors will be retested on the PRV gI test. If there is a need for the gI tests to be run instead for state or international regulatory reasons, please state that on the submission form.</p> <p>All results will be released the day after testing is performed. All positive samples will be sent to NVSL for confirmation, and turnaround times are subject to their schedule.</p> <p>See notes for Brucellosis BAPA test for more information.</p> <p>AR Porcine Serology Chart (fillable PDF): See Forms/Resources - Arkansas Department of Agriculture</p>
	Pseudorabies (PRV) gI ELISA					



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
SER	Pullorum Tests (NPIP) (Salmonella enterica Pullorum): Plate Test	poultry	Serum (1 mL)	\$0.50	Cutoff time is noon for same-day turnaround, unless additional testing is needed.	Serological Salmonella testing is performed in a confirmatory cascade. <ol style="list-style-type: none"> 1. Any Plate test reactors are retested on the Microagglutination test, which requires 24 hours. 2. Any Microagglutination test reactors are tested on the Tube test, which requires 24 hours. Microagglutination or Tube tests can be requested initially instead of the Plate test.
SER	Pullorum Tests (NPIP) (Salmonella enterica Pullorum): Microagglutination	poultry	Serum (1 mL)	\$0.25	24 hours if submitted M-Th, unless additional testing is needed.	
SER	Pullorum Tests (NPIP) (Salmonella enterica Pullorum): Tube Test	poultry	Serum (1 mL)	\$0.50	24 hours if submitted M-Th.	
LAB	Rabies (ADH Send Out). Contact lab before submitting samples.		Contact lab.	Courier fee. Additional disposal fee if entire carcass is submitted (see Carcass Disposal).	2-4 days	Testing is done at the Arkansas Department of Health.



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
SER	Reovirus ELISA	avian	Serum (1 mL)	\$1.53	1-2 days	
CLIN	Rocky Mountain Spotted Fever (RMSF) Screen		Serum (0.5 mL minimum)	\$15	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
CLIN	Rocky Mountain Spotted Fever (RMSF) Titer		Serum (1.0 mL minimum)	\$28	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
SER	Ruminant PAG (Pregnancy-Associated Glycoprotein) ELISA	ruminants	Serum (1 mL) for bovine, caprine, and ovine; plasma for buffalo and bison	\$20 each for samples 1-4; \$5 each for samples 5-10; \$3 each for samples 11+	Reported on Monday	Performed on Mondays only. Samples must be received by EOB on Friday for results to be reported on Monday. Test can be performed as early as 28 days post breeding or more than 60 days post calving.
MIC	Salmonella Serogrouping	poultry	Swab, feces, tissue	\$5	3-5 days	Salmonella Group D positives are sent to NVSL for serotyping.
MIC	Salmonella Screen		Swab, feces, tissue	\$11	2-5 days	Screening test only.
LAB	Shipping Fee			\$25		See AR VDL website for more information about shipping policy.



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CHEM	Strychnine (GC/MS)		Stomach contents, vomitus, bait, urine	\$60	7-10 days	
MOD	Swine Influenza A qPCR	swine	Nasal swab, lung	\$35	1-3 days	
MOD	Theileria orientalis Ikeda qPCR	mammals	EDTA whole blood (1 mL)	\$35	1-3 days	Also see test for Ehrlichiosis spp./Anaplasma spp.
CLIN	Thyroid Free T4	canine, feline	Separated serum or spun serum separator tube (0.5 mL minimum).	\$13	1 day	Lipemia may increase thyroid hormone concentrations.
CLIN	Thyroid Total T4	canine, feline, equine	Separated serum or spun serum separator tube (0.5 mL minimum)	\$13 for first thyroid test, \$6.50 for each additional thyroid test ordered for the same animal at the same time	1 day	Lipemia may increase thyroid hormone concentrations.
CLIN	Thyroid Panel: Total T4 and Free T4	canine, feline	Separated serum or spun serum separator tube (1.0 mL minimum).	\$19.50 if both tests are for the same animal	1 day	Lipemia may increase thyroid hormone concentrations.



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
CLIN	Tick Profile Screen. Screening for vector-transmitted blood parasites including direct examination of whole blood for microfilaria and IFA screen of serum for E. canis and RMSF.		Serum (0.5 mL minimum) and EDTA blood (1.0 mL minimum)	\$36	Reported on Tuesday and Friday	Test performed on Tuesdays and Fridays only. Samples must be received by close of business the previous day for results to be reported on the day of testing.
CHEM	Toxicant Screen (GC/MS)		Stomach contents, vomitus, bait, urine, feed	\$60	7-10 days	
MOD	Transmissible Gastroenteritis (TGE) PCR	swine	Feces, fecal swab, intestine	\$35	1-3 days	
MOD	Trichomonas (Tritrichomonas foetus) qPCR	Bovine	Smegma in phosphate buffered saline (PBS), 1-2 mL preputial wash from bulls, 1-2 mL cervical wash from cows	\$35	1-3 days	Testing of Trich samples submitted in culture pouches was discontinued on 12/31/2023.
CHEM	Urea in Feed (Colorimetric spectrophotometry)		Feed sample (100 g)	\$25	7-10 days	
CLIN	Urinalysis. Includes dipstick, SG, sediment analysis.		Urine (5 mL)	\$10	1 day	Volume is needed to semi-quantitate sediment.



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Section	Test Name	Applicable Species	Sample Details	Fee Per Test Unless Noted	Turn Around Time **	Notes
CLIN	Urine Protein/Creatinine Ratio		Urine (1 mL)	\$12	1 day	
MOD	West Nile Virus (WNV) qPCR		avian: tissue, oropharyngeal swabs mammals: brain, CSF mosquitos (pooled) for surveillance	\$35	1-3 days	

**** Turnaround times** are estimated for routine samples and tests and are subject to change. Some turnaround times apply to submissions arriving prior to listed cutoff times.

Actual turnaround times may vary depending on:

- sample quality
- incomplete submission form
- improper sample labeling
- improper sample packaging (broken, leaking, or expired containers)
- confirmatory testing performed at reference laboratory
- additional testing methods
- slow-growing cultures or densely mixed cultures
- culture enrichment procedures