



Select List of Tests Performed on Llama and Alpacas at CAHFS

Test Name	Specimen Type	Container/ Shipping	Fee (in state)
Bacteriology			
Aerobic culture	swab, fluid, tissue	cool	15.90
Anaerobic culture panel (includes Gram stain)	Swab, fluid, tissue	anaerobic transport	45.10
Antibiotic sensitivity (Kirby Bauer method)	Isolate from aerobic culture	Room temp	11.20
Campylobacter culture	Swab, fluid, tissue	Amies charcoal for swabs, cool	14.70
C. difficile culture and toxin test (2 tests)	Feces, 5gm	cool	57.00
C. perfringens toxins ELISA (type A, B, C, D)	Feces, 5gm	freeze	16.70
Diarrhea panel (C. diff, C. perf toxins, Salmonella)	Feces, 5gm	Cool	88.40
Fungal culture panel (culture and KOH)	Skin, swab, tissue	cool	28.70
M. paratuberculosis (Johne's disease) PCR	Feces, 10gm	cool	25.30
Salmonella PCR and/or culture	Feces, 1gm	cool	14.70
Biotechnology			
Bluetongue virus PCR (fluids)	1ml whole blood	purple stopper EDTA tube, cool	24.80
Bluetongue virus qRT PCR (tissue)	Tissue	cool	41.80
Bovine Viral Diarrhea virus PCR (fluids)	1ml whole blood	purple stopper EDTA tube, cool	23.70
Camelid respiratory coronavirus PCR (Fluids)/(Tissue)	Nasal or lung polyester swab, lung tissue	cool	24.00 (fl)/41.80 (tiss)
Equine herpes virus -1 w/ neuropathogenic marker PCR (volume discount over 10 samples; for 11th and more indiv. fee is 27.50/sample)	Nasal polyester swab, EDTA blood	cool	63.30
West Nile Virus PCR	Brain, spinal cord	cool	22.20
Parasitology			
Fecal exam for parasite eggs/oocysts	Feces, 10gm	cool	10.50
Pathology			
Histopathology only (up to 20 tissue sections)	tissue	container	39.50
Necropsy (add rendering fee if >6 months)	carcass		120.00
Field Necropsy (tissues)	Tissues	Container, cool	120.00
Serology (antibody tests) set up days vary			
Abortion antibody panel (BTV, BVD1+2, ERP, Toxoplasma, Brucella, Lepto-5)	Serum, 1ml	RTT or serum*/cool	31.70
Bluetongue virus (BTV) antibody c ELISA	Serum, 1ml	RTT or serum*/cool	6.80
Bovine viral diarrhea virus (BVDV) antibody type 1 and type 2 - SVN	Serum, 1ml	RTT or serum*/cool	9.60 each type

Brucella antibody - Card test	Serum, 1ml	RTT or serum*/cool	4.40
<i>Corynebacterium pseudotuberculosis</i> (pigeon fever, caseous lymphadenitis) antibody - SHI	Serum, 1ml	RTT or serum*/cool	7.30
Equine rhinopneumonitis virus (EHV-1) -SVN	Serum, 1ml	RTT or serum*/cool	14.00
Leptospira panel (5 serovars)	Serum, 1ml	RTT or serum*/cool	11.60
Toxoplasma antibody - ELISA	Serum, 1ml	RTT or serum*/cool	12.80
Toxicology			
Heavy metals screen (copper, zinc, iron, lead, etc.)	liver, kidney; 50gm feed	cold or frozen	32.00
Oleander	10ml urine, 10ml serum, Plant, 50gm stomach/cecal conts.	cold	80.00
Plant identification (suspect toxic plants)	Plant (whole)	Room temperature	30.00
Salt Screen (phosphorous, sulfur, magnesium, sodium, calcium, and potassium)	eye (vitreous), 100 mL water, 50 g source material, 1 mL CSF, 50 g feed	Clean non-metal container, frozen	32.00
Selenium - Blood	Whole blood, 5ml	EDTA purple stopper tube/cool	18.00
Selenium - tissue/other sample	Liver, kidney; 50gm feed	cool or frozen	24.00
Trace mineral screen (copper, zinc, iron, calcium, magnesium, potassium, phosphorous)	Serum, 1-2ml	Royal blue or plastic top tube**/cool	18.00
Vitamin E	Serum, feed, liver, kidney	avoid light and heat, ship cold or frozen	35.00
* RTT = red top tube with no additives. Serum can be removed and sent separate. If not removed from blood clot - ship cool but do not freeze.			
** If zinc of interest avoid rubber and use royal blue top or plastic stopper tubes with no additives			
Fees effective April 1, 2016. Individual fees may change without notice. Out of state rates are generally twice in-state except some toxicology and biotechnology tests may be less than twice in-state fees.			
For a complete list of tests performed at CAHFS or further test details go to www.cahfs.ucdavis.edu			

CAHFS Locations

CAHFS – Davis
620 W. Health Sciences Dr.
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CAHFS – Turlock
1550 Soderquist Road
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CAHFS – Tulare
18830 Road 112
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CAHFS – San Bernardino
105 W. Central Avenue
San Bernardino, CA 92408
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