



List of Common Tests Performed on Llama and Alpacas at CAHFS

Test Name	Specimen Type	Container/ Shipping	Fee (in state)
Bacteriology			
Aerobic culture	swab, fluid, tissue	cool	17.50
Anaerobic culture panel (includes Gram stain)	Swab, fluid, tissue	anaerobic transport	49.50
Antimicrobial susceptibility (MIC method)	Fresh isolate		27.50
<i>Campylobacter</i> culture	Swab, fluid, tissue	Amies charcoal for swabs, cool	16.25
<i>C. difficile</i> culture and toxin test (2 tests)	Feces, 5gm	cool	62.25
Fungal culture panel (culture and KOH)	Skin, swab, tissue	cool	31.50
<i>M. paratuberculosis</i> (Johne's disease) PCR	Feces, 10gm	cool	27.75
Salmonella PCR and/or culture	Feces, 1gm	cool	16.25
Biotechnology			
	No Cotton swabs		
Bluetongue virus PCR (fluids or tissues)	1ml whole blood, tissue, swab	purple stopper EDTA tube, cool	46.00
Bovine Viral Diarrhea virus PCR (fluids or tissues)	1ml whole blood, tissue, swab	purple stopper EDTA tube, cool	26.00
Camelid respiratory coronavirus PCR (Fluids)	Nasal or lung polyester swab	cool	26.50
Camelid respiratory coronavirus PCR (Tissue)	Lung tissue	cool	46.00
Parasitology			
Fecal exam for parasite eggs/coccidia oocysts	Feces, 10gm	cool	11.50
Pathology			
Additional emergency after hours necropsy fee = \$120.00 Additional after hours submission fee = \$33.00			
Histopathology only (up to 20 tissue sections)	tissue	container	43.50
Necropsy or field necropsy tissues	Carcass, tissue	Cool	150.00
Necropsy carcass disposal fee if over 3 months old	Carcass		200.00
Spinal cord removal	Carcass		75.00
Serology (antibody tests) set up days vary			
Abortion antibody panel (BTV, BVD1+2, ERP, Brucella, Lepto-5)	Serum, 1-2 ml	RTT or serum*/cool	34.75
Bluetongue virus (BTV) antibody c ELISA	Serum, 1ml	RTT or serum*/cool	7.50
Bovine viral diarrhea virus (BVDV) antibody type 1 and type 2 – SVN – each type	Serum, 1ml	RTT or serum*/cool	10.50
Brucella antibody - Card test	Serum, 1ml	RTT or serum*/cool	4.75
<i>Corynebacterium pseudotuberculosis</i> (pigeon fever, caseous lymphadenitis) antibody - SHI	Serum, 1ml	RTT or serum*/cool	8.00
Equine rhinopneumonitis virus (EHV-1) -SVN	Serum, 1ml	RTT or serum*/cool	15.50
Leptospira panel (5 serovars)	Serum, 1ml	RTT or serum*/cool	12.75

Toxicology			
Heavy metals screen (copper, zinc, iron, lead, etc.)	10g liver, kidney; 50gm feed, 100ml water	cold or frozen	35.25
Oleander	10ml urine, serum, Plant, 50gm stomach or cecal cont., 20g liver	cold	88.00
Selenium - Blood	Whole blood, 5ml	EDTA purple stopper tube/cool	19.75
Selenium - tissue/other sample	50g Liver, kidney, feed	cool or frozen	26.50
Trace element screen (copper, zinc, iron, calcium, magnesium, potassium, phosphorous)	Serum, 1-2ml	Royal blue or plastic top tube**/cool	19.75
Vitamin E	Serum, feed, liver, kidney	avoid light and heat, ship cold or frozen	38.50
* 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 list effective October 13, 2019. 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. Additional emergency after hours necropsy fee = \$120.00. Additional after hours submission fee = \$33.00 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
Davis, CA 95616
Phone: 530-752-8700

CAHFS – Turlock
1550 Soderquist Road
Turlock, CA 95381
Phone: 209-634-5837
(Avian only lab)

CAHFS – Tulare
18760 Road 112
Tulare, CA 93274
Phone: 559-688-7543

CAHFS – San Bernardino
105 W. Central Avenue
San Bernardino, CA 92408
Phone: 909-383-4287