



## Select List of Tests Performed on Llama and Alpacas at CAHFS

Test Name	Specimen Type	Container/ Shipping	Fee (in state)
<b>Bacteriology</b>			
Aerobic culture	swab, fluid, tissue	cool	15.90
Anaerobic culture panel (includes Gram stain)	Swab, fluid, tissue	anaerobic transport	45.10
<i>Campylobacter</i> culture	Swab, fluid, tissue	Amies charcoal for swabs, cool	14.70
<i>C. difficile</i> culture and toxin test (2 tests)	Feces, 5gm	cool	56.70
<i>C. perfringens</i> toxins ELISA (type A, B, C, D)	Feces, 5gm	freeze	16.70
Fungal culture panel (culture and KOH)	Skin, swab, tissue	cool	28.70
<i>M. paratuberculosis</i> (Johne's disease) PCR	Feces, 10gm	cool	25.30
Salmonella PCR and/or culture	Feces, 1gm	cool	14.70
<b>Biotechnology</b>			
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
Bovine Viral Diarrhea virus PCR (tissue)	tissue	cool	41.80
Camelid respiratory coronavirus PCR (Fluids)/(Tissue)	Nasal or lung polyester swab, lung tissue	cool	24.00 (fl)/41.80 (tissue)
<b>Parasitology</b>			
Fecal exam for parasite eggs/coccidia oocysts	Feces, 10gm	cool	10.50
<b>Pathology</b>			
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
<b>Serology (antibody tests) set up days vary</b>			
Abortion antibody panel (BTV, BVD1+2, ERP, 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, 1 ml	RTT or serum*/cool	14.00

Leptospira panel (5 serovars)	Serum, 1ml	RTT or serum*/cool	11.60
<b>Toxicology</b>			
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
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			
<b>Fees effective July 21, 2017. 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 <a href="http://www.cahfs.ucdavis.edu">www.cahfs.ucdavis.edu</a></b>			

### CAHFS Locations

CAHFS – Davis  
620 W. Health Sciences Dr.  
University of California  
Davis, CA 95616  
Phone: 530-752-8700

CAHFS – Turlock  
1550 N. Soderquist Rd  
Turlock, CA 95381  
Phone: 209-634-5837

CAHFS – Tulare  
18830 Road 112  
Tulare, CA 93274  
Phone: 559-688-7543

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