



Select List of Tests Performed on Beef Cattle at CAHFS

Test Name	Specimen Type	Container/ Shipping	Fee (in state)
Bacteriology			
Aerobic culture (abscess, pinkeye, BRD, etc.)	swab, fluid, tissue	Culturette (at lab in 24 hr. for pinkeye)	15.90
Anaerobic culture panel (with Gram stain)	tissue, fluid	Sealed, cool (no air)	45.10
<i>Clostridium septicum</i> and <i>chauvoei</i> FA (blackleg, malignant edema)	affected muscle	Sealed, cool (no air)	26.40
K99 <i>E. coli</i> antigen ELISA	feces, 1gm	Cool	10.60
<i>M. paratuberculosis</i> (Johne's disease) PCR	feces, 10gm	Cool	25.30
Mycoplasma culture	milk, swab, fluid	Cool	15.10
Salmonella PCR and/or culture	feces	Cool	14.70
Biotechnology/ Virology			
	(^a = not cotton type)		
Bluetongue virus rRT PCR (fluids)	1ml whole blood	Purple stopper EDTA tube, cool	24.80
Bovine coronavirus antigen ELISA	feces, 1ml or gm	Cool	10.60
Bovine viral diarrhea rRT PCR (fluid)	1ml whole blood, Swab ^a of ulcer	Purple stopper EDTA tube-blood, cool	23.70
Bovine viral diarrhea antigen ELISA	ear notch, 1x1cm	Tube (no fluid), cool	5.50
Infectious bovine rhinotracheitis (IBR) rt PCR	swab ^a (nasal, eye, vagina), lung	Cool (swab in RTT)	23.70
Respiratory virus PCR panel (IBR, BVD, BRSV, coronavirus)	nasal swab ^a , lung	Cool	55.00
Rotavirus antigen ELISA	feces, 1ml or gm	Cool	13.20
Parasitology			
Cryptosporidia fecal exam	feces, 1ml	Cool	8.80
Fecal exam for flukes	feces, 5-10gm	Cool	14.30
Fecal exam for lungworm larvae (arrival cool at lab on Mon-Thurs)	fresh feces, 15gm	<24 hr old fecal and Refrig within 1hr.	14.30
Fecal exam for coccidia and worm eggs	feces, 10gm	Cool	10.50
Trichomonas culture or pouch read (<i>see web site or call lab for special shipping and official forms</i>)	uterine wash, preputial scraping	Saline/lactated ringer, In pouch	9.90
Trichomonas PCR (<i>see above</i>)	see above	InPouch	27.50
Pathology			
Histopathology (only)	tissue in formalin	Sealed container	39.50
Necropsy (<3 months old and fetuses) - up to 3 animals for one fee	carcass		120.00
Necropsy (>3 months old) - 1 each	carcass		120.00
Serology			
Abortion antibody panel (IBR, BVD-1, BVD-2, Lepto-5, Brucella, Neospora)	serum, 2ml	RTT or serum*/cool	31.70
Anaplasma marginale antibody - cELISA	serum, 1ml	RTT or serum*/cool	9.60

Bluetongue virus (BTV) antibody - CELISA	serum, 1ml	RTT or serum*/cool	6.80
Bovine herpesvirus -1 (IBR) antibody - SVN	serum, 1ml	RTT or serum*/cool	9.60
Bovine viral diarrhea virus (BVDv) antibody - SVN (1 or 2)	serum, 1ml	RTT or serum*/cool	9.60
Bovine viral diarrhea - PI agELISA** (19.10 1st)	serum, 1ml	RTT or serum*/cool	8.00
Bovine leukemia virus antibody (BLV) - ELISA***	serum, 1ml	RTT or serum*/cool	9.60
Brucella abortus antibody (BAPA)	serum, 1ml	RTT or serum*/cool	2.80
Leptospira antibody panel [5 types (serovars)]	serum, 1ml	RTT or serum*/cool	11.60
M. paratuberculosis (Johne's Disease) antibody ELISA***	serum, 1ml	RTT or serum*/cool	6.10
Respiratory antibody panel (IBR, BVDv 1 and 2, BRSV, PI3)	serum, 2ml	RTT or serum*/cool	31.70
Toxicology			
Heavy metals screen (copper, zinc, iron, lead, etc.)	liver, kidney; 50gm feed	Cool or frozen	31.70
Lead - blood	EDTA blood- 1ml	Cool (not frozen)	41.10
Nitrate screen	feed, serum or eye fluid – 1ml	Cool, RTT	11.90
Plant identification (suspect toxic plants)	plant (whole)	Room temp.	19.10
Selenium - Blood	whole blood, 5ml	Purple stopper EDTA tube/cool	15.90
Selenium - tissue/other sample	liver, kidney; 50gm feed	Cool or frozen	23.70
Trace mineral screen (copper, zinc, iron, calcium, magnesium, phosphorous, potassium)	serum, 1-2ml	Royal blue or plastic top tube**/cool	15.90
Vitamin A or Vitamin E	liver, kidney, serum, feed	Avoid light and heat, cold	34.80
* RTT are rubber red stopper tubes with no additives so blood clots in tube. Serum can be removed and sent separate. If not removed from blood clot, ship cool but do not freeze			
** RTT can be used unless zinc is of interest, then avoid rubber and use royal blue top or plastic stopper tubes with no additives			
*** Discount pricing for samples >10			
Fees list effective September 1, 2012.			
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
University of California
Davis, CA 95616
Phone: 530-752-8700

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

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

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