



List of Common 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)	19.50
Anaerobic culture	tissue, fluid	Sealed, cool (no air)	39.00
<i>Campylobacter</i> culture (do not ship on Friday, notify lab in advance if >10 samples)	Uterine, vaginal, preputial swab/scraping	In Amies charcoal, at lab in 24 hrs./cool	18.25
<i>Clostridium septicum</i> and <i>chauvoei</i> FA (blackleg, malignant edema testing includes both)	affected muscle	Sealed, cool (no air)	32.50
Infectious bovine keratoconjunctivitis multiplex PCR (<i>Moraxella bovis</i> and <i>bovoculi</i> and <i>Mycoplasma bovoculi</i>)	Eye/conjunctival swab ^a	Transport (amies no charcoal, coban, Eswab)	37.00
K99 <i>E. coli</i> antigen ELISA	feces, 1gm	Cool	13.25
<i>M. paratuberculosis</i> (Johne's disease) PCR	feces, 10gm	Cool	31.00
Mycoplasma Panel (<i>Myco</i> sp. & <i>M. bovis</i> PCR and culture- on request if <i>Myco</i> sp. or <i>M bovis</i> pos)	milk, swab, fluid	Cool	30.75
Salmonella PCR (culture included if positive)	Feces, tissue, swabs	Cool	18.25
Biotechnology/ Virology	(^a = <u>not</u> cotton type)		
Bovine coronavirus PCR on feces	0.5ml of feces	Cool	30.75
Bovine viral diarrhea rRT PCR	1ml whole blood, Swab ^a of ulcer, nasal, etc.	Purple stopper EDTA tube-blood, cool	29.00
Infectious bovine rhinotracheitis (IBR) rt PCR	swab ^a (nasal, eye, vagina), lung	Cool (swab in RTT)	29.00
Respiratory virus PCR panel (IBR, BVD, BRSV, coronavirus)	nasal swab ^a , lung	Cool	67.75
Rotavirus antigen ELISA	feces, 1ml or gm	Cool	16.25
Calf diarrhea panel, <8days (K99 <i>E. coli</i> , <i>Salmonella</i> , Rota, corona, cryptosporidia) *55.50 each for each fecal over 2	feces, 1ml or gm	Cool	61.50 ⁺
Calf diarrhea panel, 8-60 day (<i>Salmonella</i> , Rota, corona, cryptosporidia)* (49.25 each for fecals over 2)	feces, 1ml or gm	Cool	55.50 ⁺
Parasitology			
Cryptosporidia fecal exam (ELISA)	feces, 1ml	Cool	11.00
Fecal exam for flukes (sedimentation test)	feces, 10gm	Cool	17.75
Fecal exam for coccidia and worm eggs	feces, 10gm	Cool	13.00
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	12.25
Trichomonas PCR (<i>see website or call lab for special shipping and official forms</i>). Cold 40-45°F or frozen <40°F within 5 days	2ml, uterine or preputial wash or scraping	LRS or phosphate buffered saline (PBS)	34.00
Pathology			
Additional emergency after hours necropsy fee = \$150.00 Additional after-hours submission fee = \$37.00			
Histopathology only (up to 20 tissue sections)	tissue in formalin	Sealed container	48.75
Necropsy or field necropsy tissue from 1-3 animals (≤ 3 months old), same day, same problem- for one fee	Carcass or field necropsy tissue		150.00
Necropsy or field necropsy tissue (over 3 months old)	Carcass or field necropsy tissues		160.00

Necropsy disposal fee if over 3 months old	carcass		56.00
Serology			
Abortion antibody panel (IBR, BVD-1, BVD-2, Lepto-5, Brucella, Neospora)	serum, 2ml	RTT or serum*/cool	39.00
<i>Anaplasma marginale</i> antibody - cELISA	serum, 1ml	RTT or serum*/cool	11.75
Bluetongue virus (BTV) antibody - CELISA	serum, 1ml	RTT or serum*/cool	8.50
Bovine viral diarrhea virus (BVDv) antibody - SVN (1 or 2)	serum, 1ml	RTT or serum*/cool	11.75
Bovine viral diarrhea - PI antigen ELISA	Ear notch 1x1xm, serum, 1ml	RTT or serum*/cool	6.75
Bovine leukemia virus antibody (BLV) - ELISA***	serum, 1ml	RTT or serum*/cool	11.75/9.00***
<i>Brucella abortus</i> antibody (BAPA)	serum, 1ml	RTT or serum*/cool	3.25
Epizootic bovine abortion antibody (EBA, foothill abortion)	Serum or fetal fluid, 1ml	RTT or serum*/cool	18.00
Immunoglobulin IgG- RID	Serum, 1ml	RTT or serum*/cool	10.25
Leptospira antibody panel [5 serovars]	serum, 1ml	RTT or serum*/cool	14.25
<i>M. paratuberculosis</i> (Johne's Disease) antibody ELISA***	serum, 1ml	RTT or serum*/cool	7.50/5.00***
Pregnancy test (for >28d post-breeding and >60d post-calving)	Serum, 1ml	RTT or serum*/cool	9.00
Respiratory antibody panel (IBR, BVDv 1 & 2, BRSV, PI3)	serum, 2ml	RTT or serum*/cool	39.00
Toxicology			
Heavy metals screen (copper, zinc, iron, lead, cadmium, arsenic, mercury, molybdenum, manganese)	10g liver, kidney; 50gm feed, 100ml water	Cool or frozen	39.50
Nitrate screen (if positive confirmation reqd. added fee)	feed, serum or eye fluid – 1ml	Cool, RTT	18.50
Plant identification (suspect toxic plants)	plant (whole)	room temperature	Call lab
Selenium - Blood	whole blood, 5ml	Purple stopper EDTA tube/cool	22.00
Selenium - tissue/other sample	50g liver, kidney; 50gm feed, 50ml water	Cool or frozen	29.75
Trace element screen (copper, zinc, iron, calcium, magnesium, phosphorous, potassium)	serum, 1-2ml	Royal blue or plastic top tube**/cool	22.00
Vitamin A or Vitamin E	10g liver, kidney, 5ml serum, 25gfeed	Avoid light and heat, cold	43.00 each
* 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 May 1, 2025. 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 = \$150.00. Additional after-hours submission fee = \$37.00 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