



List of Common Tests Performed on Dairy Cattle at CAHFS

Test Name	Specimen Type	Container/ Shipping	Fee (in state)
Bacteriology			
Aerobic culture (abscess, pinkeye, BRD, skin, etc.)	Milk, swab, fluid, tissue	Culturette (at lab in 24 hr. for pinkeye)	17.50
Anaerobic culture panel (fee includes Gram stain)	Tissue, fluid	Sealed, cool (no air)	49.50
Antimicrobial susceptibility testing (MIC)	Identified organism		27.50
<i>Campylobacter</i> culture (do not ship on Friday, notify lab in advance if >10 samples)	Uterine, vaginal or preputial swab or scraping	In Amies charcoal, at lab in 24 hrs./cool	16.25
K99 <i>E. coli</i> antigen ELISA (see calf diarrhea panel)	Feces, 1gm	Cool	11.75
<i>M. paratuberculosis</i> (Johne's disease) PCR	Feces, 10gm	Cool	27.75
Mycoplasma Panel (<i>Myco.</i> sp. & <i>M. bovis</i> PCR and culture on <i>Myco.</i> sp. pos, <i>M. bovis</i> neg, if needed)	Milk, swab, fluid	Cool	27.50
Salmonella PCR and/or culture	Feces, tissue, environment	Cool	16.25
Biotechnology/ Virology			
	(^a = not cotton type)		
Bovine coronavirus PCR on feces	Feces, 0.5ml or gm	Cool	27.50
Bovine viral diarrhea PCR (fluid)	1ml whole blood, swab ^a of lesion (not in culturette)	Purple stopper EDTA tube-blood, RTT for swab/ cool	26.00
Bovine viral diarrhea PCR – milk	Bulk tank or individual	Cool	27.50
Infectious bovine rhinotracheitis (IBR) PCR	Swab ^a (nasal, eye, vagina)	Cool (swab in RTT)	26.00
Respiratory virus PCR panel (IBR, BVD, BRSV, coronavirus)	Nasal swab ^a , lung	Cool	60.50
Rotavirus antigen ELISA	Feces, 1ml or g	Cool	14.50
Calf diarrhea panel, <8 days (K99 <i>E. coli</i> , Rota, corona, cryptosporidia, <i>Salmonella</i>)*(49.50 each for fecals over 2)	feces, 1ml or gm	Cool	55.00*
Calf diarrhea panel, 8-60 day (<i>Salmonella</i> , Rota, corona, cryptosporidia)* (44.00 each for fecals over 2)	feces, 1ml or gm	Cool	49.50*
Parasitology			
Cryptosporidia fecal exam (ELISA)	Feces, 1ml	Cool	9.75
Fecal exam for fluke eggs	Feces, 5-10gm	Cool	15.75
Fecal exam for coccidia and worm eggs	Feces, 10gm	Cool	11.50
<i>Tritrichomonas foetus</i> PCR – In pouch (see website or call lab for special shipping and official forms required)	Uterine wash, preputial scraping	In Pouch (see web for time and temp.)	30.25
<i>Tritrichomonas foetus</i> culture or read (see website or call lab for special shipping and official forms required)	Uterine wash, preputial scraping	Saline, Lactated ringers (see web)	11.00
Pathology			
Additional emergency after hours necropsy fee = \$120.00			
Additional after hours submission fee = \$33.00			
Histopathology (only)	Tissue in formalin	Sealed container	43.50
Necropsy or field necropsy tissues (≤3 months old and fetuses) – 1-3 animals, one fee, same day and problem	Carcass or field necropsy tissues		135.00
Necropsy (>3 months old) or field necropsy tissues –1 each	Carcass or field necropsy tissues		140.00
Necropsy carcass disposal fee if over 3 months old	Carcass		50.00

Serology			
Abortion antibody panel (IBR, BVD-1, BVD-2, Lepto-5, Brucella, Neospora); with BVDv endpoints fee=41.90	Serum, 2ml	RTT or serum*/cool	34.75
Anaplasma marginale antibody - cELISA	Serum, 1ml	RTT or serum*/cool	10.50
Bluetongue virus (BTV) antibody - cELISA	Serum, 1ml	RTT or serum*/cool	7.50
Bovine herpesvirus -1 (IBR) antibody - SVN	Serum, 1ml	RTT or serum*/cool	10.50
Bovine leukemia virus antibody (BLV) - ELISA***	Serum, 1ml	RTT or serum*/cool	10.50/8.00***
Bovine respiratory syncytial virus (BRSV) antibody IFA	Serum, 1ml	RTT or serum*/cool	9.25
Bovine viral diarrhea virus (BVDv) antibody - SVN (1 or 2)	Serum, 1ml	RTT or serum*/cool	10.50
Bovine viral diarrhea virus (BVDv) - SVN (1 or 2) endpoint	Serum, 1ml	RTT or serum*/cool	16.25
Bovine viral diarrhea - PI antigen ELISA	Ear notch, 1x1cm, Serum, 1ml	RTT for serum* or ear notch/ cool	6.00
Brucella abortus antibody (BAPA)	Serum, 1ml	RTT or serum*/cool	3.00
Brucella abortus antibody (Card test)	Serum, 1ml	RTT or serum*/cool	4.75
Coxiella burnetti (Q fever) antibody ELISA	Serum, 1ml	RTT or serum*/cool	12.00
Leptospira antibody panel with 5 serovars	Serum, 1ml	RTT or serum*/cool	12.75
Immunoglobulin (IgG) -RID (on colostrum fee is \$12.25)	Serum or colostrum, 1 ml	RTT or serum*/cool	9.25
M. paratuberculosis (Johne's Disease) ELISA***	Serum, 1ml	RTT or serum*/cool	6.75/4.50***
Pregnancy Test (detects >28 d post breeding & >60d post calving)	Serum, 1ml	RTT or serum*/cool	8.00
Respiratory antibody panel (IBR, BVDv 1 & 2, BRSV, PI3)	Serum, 2ml	RTT or serum*/cool	34.75
Toxicology			
Ionophore screen (monensin, lasalocid, narasin, salinomycin)	50g feed, 50g stomach content	Sealed container	82.50
Heavy metals screen (copper, zinc, iron, lead, cadmium, arsenic, mercury, molybdenum, manganese)	10g liver, kidney; 50g feed, feces; 100ml water	Cool or frozen	35.25
Nitrate screen (if positive confirmation reqd. added fee)	Feed, 1ml serum, or eye fluid	Feed - room temp. RTT fluid/Cool	16.50
Salt Screen (calcium, phosphorous, sulfur, magnesium, sodium, potassium)	50g feed, 100ml water, eye, 10g brain, 1ml CSF	Feed-room temp; tissues cool	35.25
Selenium - Blood	Whole blood, 5ml	Purple stopper EDTA 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, phosphorous, potassium)	Serum, 1-2ml	Royal blue or plastic top tube**/cool	19.75
Vitamin A or Vitamin E	10g liver, kidney, 25g feed; 5ml serum or plasma	Avoid light and heat/ cold	38.50
* 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 or equivalent (vial with no additives) is used for PCR swabs.			
Purple or lavender stopper tubes contain EDTA to prevent blood from clotting (whole blood)			
**RTT may be used unless zinc is of interest, then avoid rubber and use royal blue top or plastic stopper tubes without additives			
*** Discount pricing for each sample >10			
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