



Select List of 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)	15.90
Anaerobic culture panel (fee includes Gram stain)	Tissue, fluid	Sealed, cool (no air)	45.10
Antimicrobial susceptibility testing (Kirby Bauer)	Identified organism		11.20
<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	14.70
K99 <i>E. coli</i> antigen ELISA (see calf diarrhea panel)	Feces, 1gm	Cool	10.60
<i>M. paratuberculosis</i> (Johne's disease) PCR	Feces, 10gm	Cool	25.30
Mycoplasma Panel (<i>Myco. sp.</i> & <i>M. bovis</i> PCR and culture on <i>Myco. sp. pos.</i> , <i>M. bovis neg.</i> , if needed)	Milk, swab, fluid	Cool	25.00
Mycoplasma isolate typing	Isolate	Plate or broth	9.60
Salmonella PCR and/or culture	Feces, tissue, environment	Cool	14.70
Biotechnology/ Virology			
	(^a = <u>not cotton type</u>)		
Bovine coronavirus PCR on feces	Feces, 0.5ml or gm	Cool	25.00
Bovine viral diarrhea PCR (fluid)	1ml whole blood, swab ^a of lesion (not in culturette)	Purple stopper EDTA tube-blood, RTT for swab/ cool	23.70
Bovine viral diarrhea PCR – milk	Bulk tank or individual	Cool	25.00
Infectious bovine rhinotracheitis (IBR) PCR	Swab ^a (nasal, eye, vagina)	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 g	Cool	13.20
Calf diarrhea panel, <8 days (K99 <i>E. coli</i> , Rota, corona, cryptosporidia, <i>Salmonella</i>) ⁺ (45.00 each for fecals over 2)	feces, 1ml or gm	Cool	50.00 ⁺
Calf diarrhea panel, 8-60 day (<i>Salmonella</i> , Rota, corona, cryptosporidia) ⁺ (40.00 each for fecals over 2)	feces, 1ml or gm	Cool	45.00 ⁺
Parasitology			
Cryptosporidia fecal exam (acid fast or ELISA)	Feces, 1ml	Cool	8.80
Fecal exam for fluke eggs	Feces, 5-10gm	Cool	14.30
Fecal exam for coccidia and worm eggs	Feces, 10gm	Cool	10.50
<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.)	27.50
<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)	9.90
Pathology			
Histopathology (only)	Tissue in formalin	Sealed container	39.50
Necropsy (<3 months old and fetuses) - up to 3 animals for one fee, same day and same problem	Carcass or necropsy tissues		120.00
Necropsy (>3 months old) - 1 each	Carcass or necropsy tissues		120.00
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	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 leukemia virus antibody (BLV) - ELISA***	Serum, 1ml	RTT or serum*/cool	9.60/7.30***
Bovine respiratory syncytial virus (BRSV) antibody IFA	Serum, 1ml	RTT or serum*/cool	8.40
Bovine viral diarrhea virus (BVDv) antibody - SVN (1 or 2)	Serum, 1ml	RTT or serum*/cool	9.60
Bovine viral diarrhea virus (BVDv) - SVN (1 or 2) endpoints	Serum, 1ml	RTT or serum*/cool	14.70
Bovine viral diarrhea - PI antigen ELISA	Ear notch, 1x1cm, Serum, 1ml	RTT for serum* or ear notch/ cool	5.50
Brucella abortus antibody (BAPA)	Serum, 1ml	RTT or serum*/cool	2.80
Brucella abortus antibody (Card test)	Serum, 1ml	RTT or serum*/cool	4.40
Coxiella burnetti (Q fever) antibody ELISA	Serum, 1ml	RTT or serum*/cool	11.00
Leptospira antibody panel with 5 serovars	Serum, 1ml	RTT or serum*/cool	11.60
Immunoglobulin (IgG) -RID (on colostrum fee is \$11.20)	Serum or colostrum, 1 ml	RTT or serum*/cool	8.40
M. paratuberculosis (Johne's Disease) ELISA***	Serum, 1ml	RTT or serum*/cool	6.10/4.00***
Pregnancy Test	Serum, 1ml	RTT or serum*/cool	7.30
Respiratory antibody panel (IBR, BVDv 1 & 2, BRSV, PI3)	Serum, 2ml	RTT or serum*/cool	31.70
Toxicology			
Ionophore screen (monensin, lasalocid, narasin, salinomycin)	50g feed	Sealed container	75.00
Heavy metals screen (copper, zinc, iron, lead, cadmium, arsenic, mercury, molybdenum, manganese)	10g liver, kidney; 50g feed, feces; 100ml water	Cool or frozen	32.00
Nitrate screen (if positive confirmation reqd. added fee)	Feed, 1ml serum, or eye fluid	Feed - room temp. RTT fluid/Cool	15.00
Salt Screen (calcium, phosphorous, sulfur, magnesium, sodium, potassium)	50g feed, 100ml water, eye, 10g brain, 1ml CSF	Feed-room temp; tissues cool	32.00
Selenium - Blood	Whole blood, 5ml	Purple stopper EDTA tube/cool	18.00
Selenium - tissue/other sample	50g liver, kidney, feed	Cool or frozen	24.00
Trace mineral screen (copper, zinc, iron, calcium, magnesium, phosphorous, potassium)	Serum, 1-2ml	Royal blue or plastic top tube**/cool	18.00
Vitamin A or Vitamin E	10g liver, kidney, feed; 5ml serum or plasma	Avoid light and heat/ cold	35.00
* 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 effective July 14, 2017. Fees may change without notice. Out of state fee is generally twice the in-state fee except toxicology and some biotechnology tests may be less than twice the in-state rate.			
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 N. Soderquist Rd.
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 Ave.
San Bernardino, CA 92408
Phone: 909-383-4287

