



## Select List of Tests Performed on Sheep and Goats at CAHFS

| Test Name  | Specimen Type           | Container/ Shipping                        | Fee (in state) |
|--|-------------------------|--|----------------|
| <b>Bacteriology</b>  |                         |  |                |
| Aerobic culture (includes CL abscesses)  | Swab, fluid, tissue     | cool                                       | 15.90          |
| Antimicrobial susceptibility (Kirby Bauer)   | Isolate                 |  | 11.20          |
| <i>C. perfringens</i> toxins ELISA (overeating disease)  | Feces, 5gm              | freeze                                     | 16.70          |
| <i>M. paratuberculosis</i> (Johne's disease) PCR   | Feces, 10gm             | cool                                       | 25.30          |
| Mycoplasma culture and PCR   | Milk, swab, fluid       | Cool                                       | 25.00          |
| Salmonella PCR and/or culture  | Feces                   | cool                                       | 14.70          |
| <b>Biotechnology/Virology</b>  |                         |  |                |
| Bluetongue virus qRT PCR (fluids)  | 1ml whole blood         | purple stopper EDTA tube, cool             | 24.80          |
| Bluetongue virus qRT PCR (tissue)  | Tissue                  | cool                                       | 41.80          |
| Border Disease Virus qRT PCR (fluids)  | 1ml whole blood or swab | purple stopper EDTA tube, cool             | 23.70          |
| Rotavirus ELISA (group A only)   | Feces, 1 gm             | Cool                                       | 13.80          |
| Oral or teat lesions (Orf, Contagious ecthyma) PCR   | Tissue, swab            | Cool                                       | 41.80          |
| <b>Parasitology</b>  |                         |  |                |
| Cryptosporidia fecal exam  | Feces, 1ml              | cool                                       | 8.80           |
| Fecal exam for parasite eggs/coccidia oocysts  | Feces, 10gm             | cool                                       | 10.50          |
| Fecal exam for lungworm larvae (arrive Mon-Thur)   | fresh feces, 15gm       | Fecal <24 hr old and Refrig. within 1 hour | 14.30          |
| <b>Pathology</b>   |                         |  |                |
| Histopathology (only)  | tissue                  | container                                  | 39.50          |
| Necropsy (under 3 months old and fetuses) - up to 3 animals for one fee, same day  | carcass                 |  | 120.00         |
| Necropsy (over 3 months old)- 1 each   | carcass                 |  | 120.00         |
| <b>Serology</b>  |                         |  |                |
| Abortion antibody panel [Both: BTV, <i>C. burnetii</i> , Lepto- 5, Toxoplasma; Brucella 3% (goat); <i>B. ovis</i> , BDV (sheep)] | Serum, 1ml              | RTT or serum*/cool                         | 31.70          |
| Bluetongue virus (BTV) antibody - CELISA   | Serum, 1ml              | RTT or serum*/cool                         | 6.80           |
| Border disease virus (BDV) antibody - SVN  | Serum, 1ml              | RTT or serum*/cool                         | 9.60           |
| <i>Brucella ovis</i> antibody – ELISA (sheep)  | Serum, 1ml              | RTT or serum*/cool                         | 8.80           |
| <i>Brucella</i> sp antibody 3% Rose Bengal (goat)  | Serum, 1ml              | RTT or serum*/cool                         | 4.40           |
| <i>Corynebacterium pseudotuberculosis</i> (CL, CLA) antibody - SHI   | Serum, 1ml              | RTT or serum*/cool                         | 7.30           |

|  |                              |                                       |                   |
|--|------------------------------|---------------------------------------|-------------------|
| Caprine encephalitis and arthritis virus antibody (CAE) cELISA   | Serum, 1ml                   | RTT or serum*/cool                    | 7.30 <sup>+</sup> |
| <i>Coxiella burnetii</i> (Q Fever) Antibody - ELISA  | Serum, plasma, milk, 1ml     | RTT or serum*/cool                    | 11.00             |
| <i>M. paratuberculosis</i> (Johne's Disease) antibody ELISA***   | Serum, 1ml                   | RTT or serum*/cool                    | 6.10/4.00***      |
| Ovine progressive pneumonia (OPP) antibody – CELISA  | Serum, 1ml                   | RTT or serum*/cool                    | 7.30 <sup>+</sup> |
| Pregnancy test ELISA   | Serum, 1ml                   | RTT or serum*/cool                    | 7.30              |
| Respiratory antibody panel (BDV, OPP/CAE, BTV, PI3)  | Serum, 1ml                   | RTT or serum*/cool                    | 31.70             |
| <i>Toxoplasma</i> antibody - ELISA   | Serum, 1ml                   | RTT or serum*/cool                    | 12.80             |
| <b>Toxicology</b>  |                              |                                       |                   |
| Heavy metals screen (copper, zinc, iron, lead, etc.)   | liver, kidney; 50gm feed     | cool or frozen                        | 32.00             |
| Nitrate screen (note positive req. confirmation-added fee)   | 1ml serum or eye fluid, feed | RTT or serum*/cool                    | 15.00             |
| Plant identification (suspect toxic plants)  | Plant (whole)                |                                       | Call for fees     |
| Selenium - Blood   | Whole blood, 5ml             | Purple stopper EDTA 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, phosphorous, potassium)  | Serum, 1-2ml                 | Royal blue or plastic top tube**/cool | 18.00             |
| Vitamin A or Vitamin E   | Liver, kidney, serum, feed   | 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 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   |                              |                                       |                   |
| + Discount pricing for samples >80   |                              |                                       |                   |
| <b>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>                            |                              |                                       |                   |
| <b>Fees effective as of July 21, 2017. Fees may change without notice.</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