UCDAVIS VETERINARY MEDICINE
California Animal Health & Food Safety Labo

# Select List of Tests Performed on Backyard Poultry at CAHFS

Poultry for backyard flock classification include chickens, turkeys, squabs (meat only) and waterfowl. Total flock number must be provided and must be <1000 birds and reside in California for discount necropsy.

| Test Name | Specimen Type | Container/ Shipping | Fee (in state) |
|---|---|---|---|
| **Bacteriology** | | | |
| Bacterial aerobic culture | Swab, droppings | Cool | $19.50 |
| Botulism test (included in necropsy if testing an affected bird at necropsy). Samples not from affected bird (environmental) is extra | Environmental suspect material (dead animal) | Cool | $112.75 |
| Salmonella PCR screen (culture included if positive PCR) and/or culture (regular method, NPIP fees will differ) | Droppings, environmental drag swabs | Cool | $18.25 |
| Salmonella SE specific PCR | Droppings, environmental drag swabs | Cool | $23.50 |
| **Biotechnology/Virology** | [a]= **not cotton swab** | | |
| Avian Influenza virus PCR (fluid/swab) | Oropharnygeal swab swab[a] /cloacal if waterfowl | Swab in RTT or vial - not culturette | $50.00 |
| Infectious bronchitis virus (IBV) PCR | Tracheal swab[a] | Swab in RTT or vial not culturette | $29.00 |
| Infectious laryngotracheitis (ILT) virus PCR | Tracheal swab[a] | Swab in RTT or vial not culturette | $30.75 |
| Infectious bursal disease virus (IBDV) PCR and vvInfectious bursal disease | Cloacal swab[a] | Swab in RTT or vial not culturette | $39.25 |
| Mycoplasma gallisepticum (MG) and M. synoviae (MS) multiplex PCR | Tracheal or pharyngeal swab[a] | Swab in RTT or vial not culturette | $46.75 |
| Avian Paramyxovirus-1 PCR | Oropharyngeal swab[a] | Swab in RTT or vial not culturette | $51.50 |
| **Parasitology** | | | |
| Direct fecal exam for coccidia and parasite eggs | ~1/2 ml of fresh droppings | Cool | $11.00 |
| Flotation for parasite check | 5ml droppings | Cool | $13.00 |
| **Pathology**<br>**Additional emergency after hours necropsy fee = $150.00**<br>**Additional after-hours submission fee = $37.00** | | | |
| Histopathology (only) | Tissue | Formalin/container | $48.75 |
| Necropsy up to 2 birds, same day, same problem from CA backyard flock species with <1000 birds | Carcass | Cool not frozen | $35.00 |
| Necropsy for >2 birds from backyard flock species with <1000 birds residing in California<br>and ALL in-state poultry and waterfowl from flocks >1000 birds; 1-8 birds one price | Carcass | Cool not frozen | $150.00 |

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|---|---|---|---|
| **Serology** | | | |
| Chicken respiratory serology panel (IBV, MG, MS, AI, NDV) | Serum, 1ml | RTT or serum*/cool | $10.00 |
| Avian influenza antibody test ELISA (AI)<br>Avian influenza antibody test AGID/Multi species | Serum, 1ml | RTT or serum*/cool | $2.00<br>$4.25 |
| Infectious bronchitis virus ELISA (IBV) | Serum, 1ml | RTT or serum*/cool | $2.00 |
| Infectious bursal disease ELISA (IBDV) | Serum, 1ml | RTT or serum*/cool | $2.00 |
| Infectious laryngotracheitis ELISA (ILT) | Serum, 1ml | RTT or serum*/cool | $2.00 |
| Newcastle disease antibody test ELISA (NDV) | Serum, 1ml | RTT or serum*/cool | $2.00 |
| Mycoplasma gallisepticum antibody ELISA (MG) | Serum, 1ml | RTT or serum*/cool | $2.00 |
| Mycoplasma meleagridis antibody HI (MM) | Serum, 1m. | RTT or serum*/cool | $1.50 |
| Mycoplasma synoviae antibody ELISA (MS) | Serum, 1ml | RTT or serum*/cool | $2.00 |
| Turkey Respiratory serology 1 panel (AI 'multi-species method', MG, MS, MM, NDV) | Serum, 1ml | RTT or serum*/cool | $11.75 |
| **Toxicology** | | | |
| Anticoagulant screen | Serum, 2ml; liver | RTT or serum*/ sealed container | $184.75 |
| Heavy metals screen (copper, zinc, iron, lead, manganese, arsenic, cadmium, molybdenum, mercury) | 50g feed, 100ml water | Non metal container/ cool or frozen | $39.50 |
| Lead - Blood | Whole blood, 1ml | Purple stopper EDTA tube/cool | $49.25 |
| Lead – Other | 10 ml water, 50g source material; Eggs | Non metal container | $55.50 |
| Vitamin A | 25g feed; 1ml serum or plasma | Avoid light and heat, keep cold, separate serum before ship | $43.00 |
| Vitamin E | 10g feed; 1ml serum or plasma | Avoid light and heat, keep cold, separate serum before ship | $43.00 |

* 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

**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. Backyard flock necropsy discount fees do not apply for out of state cases. Call a CAHFS lab for pricing.**
**Additional emergency after hours necropsy fee = $150.00. Additional after-hours submission fee = $37.00**
**Not all serology and biotech/virology tests apply to all poultry and waterfowl species.**
**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
830 Dianne Drive
Turlock, CA 95380
Phone: 209-634-5837

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