



Select List of Tests Performed on Backyard Poultry at CAHFS

Poultry for backyard flock classification include chickens, turkeys, squabs 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	15.90
Botulism test (included in necropsy if testing an affected bird at necropsy). Samples not from affected bird (environmental) are extra	Environmental suspect material (dead animal)	Cool	91.60
Salmonella PCR screen and/or culture (regular method, NPIP fees will differ)	Droppings, environmental drag swabs	Cool	\$14.70
Salmonella SE specific PCR	Droppings, environmental drag swabs	Cool	\$19.00
Biotechnology/Virology			
	^a = not cotton swab		
Avian Influenza virus PCR (fluid/swab)	Oropharyngeal swab ^a	Swab in RTT or vial - not culturette	0.00
Infectious bronchitis virus (IBV) PCR	Tracheal swab ^a	Swab in RTT or vial not culturette	23.70
Infectious laryngotracheitis (ILT) virus PCR	Tracheal swab ^a	Swab in RTT or vial not culturette	25.00
Infectious bursal disease virus (IBDV) PCR and vInfectious bursal disease	Cloacal swab ^a	Swab in RTT or vial not culturette	0.00
Mycoplasma gallisepticum (MG) and M. synoviae (MS) multiplex PCR	Tracheal or pharyngeal swab ^a	Swab in RTT or vial not culturette	38.00
Avian Paramyxovirus-1 PCR	Oropharyngeal swab ^a	Swab in RTT or vial not culturette	41.80
Parasitology			
Direct fecal exam for coccidia and parasite eggs	~1/2 ml of fresh droppings	Cool	8.80
Flotation for parasite check	5ml droppings	Cool	10.50
Pathology			
Histopathology (only)	Tissue	Formalin/container	39.50
Necropsy up to 2 birds, same day, same problem from CA backyard flock species with <1000 birds	Carcass	Cool not frozen	20.00
Necropsy for >2 birds from backyard flock species with <1000 birds residing in California and ALL in-state poultry and waterfowl from flocks >1000 birds; 1-8 birds one price	Carcass	Cool not frozen	120.00
Serology			
Chicken respiratory serology panel (IBV, MG, MS, AI, NDV)	Serum, 1ml	RTT or serum*/cool	8.30

Avian influenza antibody test ELISA (AI)	Serum, 1ml	RTT or serum*/cool	1.70
Infectious bronchitis virus ELISA (IBV)	Serum, 1ml	RTT or serum*/cool	1.70
Infectious bursal disease ELISA (IBDV)	Serum, 1ml	RTT or serum*/cool	1.70
Infectious laryngotracheitis ELISA (ILT)	Serum, 1ml	RTT or serum*/cool	1.70
Newcastle disease antibody test ELISA (NDV)	Serum, 1ml	RTT or serum*/cool	1.70
Mycoplasma gallisepticum antibody ELISA (MG)	Serum, 1ml	RTT or serum*/cool	1.60
Mycoplasma meleagridis antibody HI (MM)	Serum, 1m.	RTT or serum*/cool	1.10
Mycoplasma synoviae antibody ELISA (MS)	Serum, 1ml	RTT or serum*/cool	1.60
Turkey Respiratory serology panel (AI, MG, MS, MM, NDV)	Serum, 1ml	RTT or serum*/cool	7.70
Toxicology			
Anticoagulant screen	Serum, 2ml; liver	RTT or serum*/ sealed container	150.00
Heavy metals screen (copper, zinc, iron, lead, manganese, arsenic, cadmium, molybdenum, mercury)	50g feed, 100ml water	Non metal container/cool or frozen	32.00
Lead - Blood	Whole blood, 1ml	Purple stopper EDTA tube/cool	40.00
Lead – Other	10 ml water, 50g source material; Eggs	Non metal container	45.00
Vitamin A	25g feed; 1ml serum or plasma	Avoid light and heat, keep cold, separate serum before ship	35.00
Vitamin E	10g feed; 1ml serum or plasma	Avoid light and heat, keep cold, separate serum before ship	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			
Fees are effective July 1, 2017. Fees may change without notice.			
Out of state fees are generally twice in state rates except toxicology may be less than 2x in state (check website or call for actual out-of-state rate).			
\$20.00 fee backyard flock necropsies are not available for out-of-state cases.			
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.
University of California
Davis, CA 95616
Phone: 530-752-8700

CAHFS – Turlock
1550 N. Soderquist Road
Turlock, CA 95380
Phone: 209-634-5837
(Avian only lab)

CAHFS – Tulare
18830 Road 112
Tulare, CA 93274
Phone: 559-688-7543

CAHFS – San Bernardino
105 W. Central Avenue
San Bernardino, CA 92408
Phone: 909-383-4287