

Marine/Terrestrial Ecosystem Health Diagnostic Service

The UC Davis One Health Institute Laboratory receives and distributes samples to appropriate campus testing centers as listed below.

Available Tests and Cost List:

Service Lab	Test	Description	Current Cost	Specimen
OHI	Protozoa Toxo - IFA	<i>Toxoplasma gondii</i>	\$ 35.40	serum shipped on cold pack
OHI	Protozoa Sarco- IFA	<i>Sarcocystis neurona</i>	\$ 35.40	serum shipped on cold pack
OHI	Protozoa Neo - IFA	<i>Neospora caninum</i>	\$ 35.40	serum shipped on cold pack
OHI	Protozoa Equine Neo - IFA	<i>Neospora hughesi</i>	\$ 35.40	serum shipped on cold pack
OHI	Protozoa tissue culture	<i>Toxo, Sacro or Neo</i>	\$ 179.96	fresh brain or spinal cord in saline shipped on cold pack (don't freeze)
Shapiro Lab	Protozoa PCR - Toxo	DNA extraction, PCR and sequencing	\$ 287.93	frozen brain, cerebellum and cerebrum
Shapiro Lab	Protozoa PCR - Sarco	DNA extraction, PCR and sequencing	\$ 287.93	frozen tissues, brain*, heart, muscle
Shapiro Lab	Protozoa PCR -Neo	DNA extraction, PCR and sequencing	\$ 287.93	frozen tissues, brain*, heart, muscle
VMTH	Acid Fast Stain		\$ 28.35	
VMTH	Aerobic & Anaerobic Blood Culture & Sensitivity		\$ 102.00	
VMTH	Aerobic & Anaerobic Culture & 2 Sensitivity Tests		\$ 162.60	
VMTH	Aerobic Blood Culture & Sensitivity		\$ 102.00	
VMTH	Aerobic Culture And Sensitivity		\$ 79.00	
VMTH	Aerobic Identification		\$ 79.00	Amies transport media without charcoal
VMTH	Anaerobic Culture		\$ 102.00	anaerobic transport
VMTH	Anaerobic Identification		\$ 66.00	
VMTH	Anaerobic Sensitivity		\$ 41.00	
VMTH	Campylobacter		\$ 70.00	fecal culuture
VMTH	Clostridium difficile Toxin A/B		\$ 62.00	
VMTH	Clostridium Perfringens EIA Enterotoxin		\$ 48.00	Small animal only
VMTH	DFA Cryptosporidium		\$ 62.00	
VMTH	DFA Giardia		\$ 62.00	
VMTH	Fecal Culture - 1 organism		\$ 70.00	
VMTH	Fecal Culture - 2 organisms		\$ 102.00	
VMTH	Fecal Culture -enteric panel for Sea Otter		\$ 109.00	3 fecal swabs in Cary-Blair Agar or 10 g feces in culture parapakvial
VMTH	Fecal flotation (protozoa fecal ID)		\$ 62.00	10 g of fresh feces
VMTH	Fungal Culture And Identification		\$ 69.00	
VMTH	Fungal Identification		\$ 32.00	
VMTH	Gram Stain		\$ 29.00	
VMTH	Mycoplasma culture		\$ 26.00	fresh tissue or swab in Amies tranport; ship on ice packs
CAHFS	Anatoxin-A		\$ 165.00	50g GI contents, 20 mL urine, 5 mL serum
CAHFS	Anticoagulant screen and confirmation		\$ 165.00	20g liver*, 5ml serum, 5m blood (rtt)
CAHFS	Arsenic		\$ 46.25	10 grams, 10 mLs
CAHFS	Brucella serology	Card agglutination	\$ 4.75	1 mL serum
CAHFS	Domoic Acid		\$ 165.65	5 mL urine or serum, 50g GI contents
CAHFS	Heavy metal screen		\$ 60.25	10g liver, kidney (cortex), 50 g feed, 100 mL water, no blood
CAHFS	Lead - blood		\$ 44.00	1 mL of EDTA or heparin tube
CAHFS	Leptospirosis MAT		\$ 23.00	1 ml serum, ship cold pack, only set up on Wednesday
CAHFS	Mercury	methyl mercury	\$ 137.50	5 mL EDTA blood*, non metal container for tissue, water or urine
CAHFS	Toxoplasma IHC		\$ 60.50	Paraffin block
CAHFS	Trace element screen	Cu, Zn, Fe, Mg, Ca, Na, K & P	\$ 19.75	2 mL of serum or plasma, no rubber, royal blue top or heparin only.
CAHFS	Vitamin A		\$ 38.50	10 g liver*, 5 ml serum/plasma; protect from light; tissue ship frozen
CAHFS	Vitamin E		\$ 38.50	10 g liver*, 5 ml serum or plasma; tissue ship frozen
CAHFS	WNV	QRT-PCR	\$ 48.75	Brain only, ship frozen on dry ice

*Best Sample