

Colorado State University

Veterinary Diagnostic Laboratories

Fort Collins - Rocky Ford – Western Slope

IMPORTANT: Time required for testing, as shown in the test schedule below, is only an estimate. We make every effort to adhere to these schedules, however, unexpected sample volumes, poor sample quality, equipment failure of other factors beyond our control may impact our ability to meet these timelines. Always collect and submit samples well in advance of YOUR deadline to provide us with ample time should problems arise.

SPECIALIZED INFECTIOUS DISEASE

TESTS	SUBMISSION	CONTAINER	COOLANT	DEAD-LINE	TIME REQUIRED	SPECIAL COMMENTS
CANINE						
Rocky Mountain Spotted Fever	1/2 ml serum	RTT	Refrigerate	Thursday by 5:00 p.m.	Read out Fri by 3:00 p.m.	Reported as positive or negative. Titers are reported and interpreted.
E. canis IFA	1/2 ml serum	RTT	Refrigerate	Thursday by 5:00 p.m.	Read out Fri by 3:00 p.m.	Reported as positive or negative. Titers are reported and interpreted.
Toxoplasma/Neospora 1) PCR (CANINE ONLY)	1) 1 ml whole blood, ½ ml CSF, 150 ul aqueous 2) BAL, TTW, Tissue aspirate, Tissue biopsy	1) PTT 2) RTT	1) Refrigerate 2) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.
Mycoplasma haemocanis 1) PCR	1) 1 ml whole blood, bone marrow	1) PTT	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.
FELINE						
Hemoplasma spp. *SEE BELOW FOR DEFINITION 1) PCR	1) 1 ml whole blood, bone marrow	1) PTT	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.
CANINE/FELINE						
Bartonella spp. SEE BELOW FOR DEFINITION 1) PCR	1) 1 ml whole blood, ½ ml CSF, joint fluid, 150 ul aqueous	1) PTT	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.
Cryptosporidium parvum 1) PCR	1) Feces	1) Hard Plastic Container	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.
Ehrlichia, Anaplasma, and Neorickettsia 1) PCR	1) ½ ml CSF or joint fluid, 150 ul aqueous, 1 ml whole blood	1) PTT	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.

*Amplifies *Mycoplasma haemofelis*, *M. haemominutum*, *M. haemocanis*, *M. haematoparvum* (previously named *Haemobartonella*).

**Amplifies *B. henselae*, *B. clarridgeiae*, *B. vinsonii* and others.

TESTS	SUBMISSION	CONTAINER	COOLANT	DEAD-LINE	TIME REQUIRED	SPECIAL COMMENTS
Toxoplasmosis 1) IgG, IgM ELISA 2) PCR	1) a. 1/2 ml serum, b. ½ ml CSF, 150 ul aqueous 2) a. 1 ml whole blood, ½ ml CSF, 150 ul aqueous b. BAL, TTW Tissue aspirate, Tissue biopsy	1) a. RTT b. PTT 2) a. PTT b. RTT	1) Refrigerate 2) Refrigerate	1) Mon and Wed by 12:00 p.m. 2) Thursday by 12:00	1) Read out Tue and Thur by 5:00 p.m. 2) Wednesday by 5:00 p.m.	1) Results reported with IgG and IgM values. Titers are reported and interpreted. 2) Reported as positive or negative.
Fever Panel/Blood Donor Screen 1) PCR I) Hemoplasma II) Ehrlichia, Anaplasma, Neorickettsia, III) Bartonella	1) 1 ml whole blood	1) PTT	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative.
Ehrlichia/Hemoplasma Panel 1) PCR	1) 1 ml whole blood	1) PTT	1) Refrigerate	1) Thursday by 12:00	1) Wednesday by 5:00 p.m.	1) Reported as positive or negative. PCR
CLINICAL IMMUNOLOGY						
PCR Lymphoma/ Flow Cytometry						Contact Clinical Immunology at 970-491-1175

THERAPEUTIC DRUG MONITORING

TESTS	SUBMISSION	CONTAINER	COOLANT	DEAD-LINE	TIME REQUIRED	SPECIAL COMMENTS
CANINE/FELINE						
Phenobarbitol	1 ml serum	RTT	Refrigerate	Mon, Wed, Fri by 8:00 a.m.	Same day by 5:00 p.m. Stat available with prior notification.	