



## Canine Diagnostic Testing Services

Envigo offers a series of diagnostic testing services in accordance with FELASA recommendation for the health monitoring of canines.

All processing and reporting are conducted with the same processes, integrity and quality assurance as our other testing services. A panel of available tests by species type is listed below. Limited non-sacrificial panel (NSP) sampling kits are available for serology and feces collection. Please contact us for more information.

Testing services are available for individual agents or panel tests and include bacteriology, virology and parasitology. Per FELASA guidelines, the number and type of agents to be monitored will vary from country to country and region to region. Infectious diseases that do not need to be monitored are those declared to be absent within a region and diseases in which the animals are vaccinated.

Sampling frequency is recommended every 3 months beginning at weaning age, testing the agents listed below. Exceptions are also noted below.

**Viral agents to be monitored on request or when associated with lesions or clinical disease.<sup>+</sup>**

Viruses	Test Method	Sample Type
Canine adenovirus type 1 (HCC)	ELISA	S/DBS
Canine distemper virus (CDV)	ELISA	S/DBS
Canine parainfluenza virus (CPIV)	ELISA	S/DBS
Canine parvovirus (CPV)	ELISA	S/DBS
Intestinal coronavirus	ELISA	S/DBS
Rotavirus	ELISA	S/DBS

<sup>+</sup>Please consult your local authority along with vaccination and deworming documents to determine which agents are to be monitored for your colony.

## Recommended list of bacterial agents to be monitored.

Bacteria	Test Method	Sample Type
<i>Bordetella bronchiseptica</i>	Culture/rtPCR	F/E
<i>Borrelia</i> spp.	Antigenic	S/DBS
<i>Brucella canis</i>	Culture	F/E
<i>Leptospira</i> spp.	MAT	S
<i>Salmonella</i> spp.	Culture/rtPCR	F/E
<i>Streptococci beta-hemolytic, serogroup G</i>	Culture/rtPCR	F/E

## Bacterial and Fungal agents to be monitored on request or when associated with lesions or clinical disease.<sup>+</sup>

Bacteria	Test Method	Sample Type
<i>Campylobacter</i> spp.	Culture	F/E
<i>Ehrlichia</i> spp.	Antigenic	S/DBS
<i>Escherichia coli</i>	Culture	F/E
<i>Microsporum</i> spp.	Culture	F/E
<i>Pasteurellaceae</i> spp.	Culture	F/E
<i>Staphylococcus</i> spp.	Culture	F/E
<i>Trichophyton</i> spp.	Culture	F/E
<i>Yersinia enterocolita</i>	Culture	F/E

<sup>+</sup>Please consult your local authority along with vaccination and deworming documents to determine which agents are to be monitored for your colony.

## Recommended list of parasites to be monitored.

Parasites*	Test Method	Sample Type
All arthropods	Microscopy	F
All helminths	Microscopy	F
Coccidia	Microscopy/rtPCR	F/E
<i>Giardia</i> spp.	Antigenic	F
<i>Mycoplasma haemocanis</i> (formerly <i>Haemobartonella canis</i> )	Microscopy	Blood Smear

\*Ectoparasites - Attention should be given to ectoparasites such as fleas, lice, ticks and mites, including after using an ectoparasiticide.

## Parasites to be monitored on request or when associated with disease.<sup>†</sup>

Parasites	Test Method	Sample Type
<i>Angiostrongylus vasorum</i>	Antigenic	S/DBS
<i>Babesia</i> spp.	Antigenic	S/DBS
<i>Dipetalonema reconditum</i>	Antigenic	S/DBS
<i>Dirofilaria immitis</i>	Antigenic	S/DBS
<i>Filaroides</i> spp.	Antigenic	S/DBS
<i>Leishmania</i> spp.	Serology	S
<i>Pneumonyssus caninum</i>	Necropsy	Tissue

<sup>†</sup>Please consult your local authority along with vaccination and deworming documents to determine which agents are to be monitored for your colony.

### Sample type and collection:

**Serology (S) sample collection** - Minimum volume required 300ul-500ul undiluted serum sample in Eppendorf tube or serum tube. Refrigerate or freeze prior to shipping. Ship either with dry ice or ice packs to maintain temperature throughout shipping. Ship for next day delivery.

**Dry blood spot (DBS) collection** - Spot 4 drops directly on the circle printed on the card. Please use 1 card per animal. After air-drying, the card is placed in a sample bag together with the desiccant and submitted to our lab. No refrigeration or sample preparation is needed.

**Fecal (F)** - Please collect approximately 5g of fresh fecal material and place in stool containers. Fecal samples can be kept at 4C and shipped with cool packs.

**Environmental (E) collection** - Sampling of environment is available with submission of filters, swabs or other.

**Blood Smear** - Please contact us for collection and shipping protocol.

**Tissue** - Please contact us for collection and shipping protocol.

Please contact us regarding our other testing capabilities at [healthmonitorlab@envigo.com](mailto:healthmonitorlab@envigo.com) or visit us at [envigo.com/full-spectrum-health-monitoring](https://envigo.com/full-spectrum-health-monitoring)

### Contact us

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