

Nonhuman Primate Diagnostic Testing Services

Envigo offers a series of diagnostic testing services in accordance with FELASA recommendations for the health monitoring of nonhuman primates.

Testing services are available for individual agents or panel tests and include bacteriology, virology and parasitology. 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.

Envigo nonhuman primate testing panels and agents

Viruses	Test Method	Macaque	Baboon	New World	Sample Type
B Virus+	ELISA	R,A			S/DBS
Coronavirus (COVID-19)*	ELISA				S/DBS
Filovirus (Ebola)+	ELISA	R			S/DBS
Measles+	ELISA	R,A			S/DBS
Mumps*	ELISA				S/DBS
Rabies+	ELISA	R	R	R	S/DBS
Simian anti-poliomyelitis I-II-III*	ELISA				S/DBS
Simian Dengue*	ELISA				S/DBS
Simian immunodeficiency virus (SIV)+	ELISA	R	R		S/DBS
Simian retrovirus (SRV)+	ELISA	R	R		S/DBS
Simian rubella*	ELISA				S/DBS
Simian T-lymphotropic virus (STLV)+	ELISA	R	R		S/DBS
Simian toxoplasma*	ELISA				S/DBS
Varicella zoster*	ELISA				S/DBS
Yellow fever*	ELISA				S/DBS

+ Simian agents recommended by FELASA 2019 for macaques, baboons and New World primates including frequency - [R] = upon arrival, [A] = annually

* Testing available upon request. Please notify the lab 15 days prior to shipment of samples.

Bacteria	Test Method	Macaque	Baboon	New World	Sample Type
<i>Mycobacterium</i> **	**	**	**	**	**
<i>Salmonella spp</i> +	Culture/rtPCR	R,A	R,A	R,A	F/E
<i>Shigella spp</i> +	Culture/rtPCR	R,A	R,A	R,A	F/E
<i>Yersinia spp</i> +	Culture	R,A	R,A		F/E

Parasites**	Test Method	Macaque	Baboon	New World	Sample Type
<i>Entamoeba histolytica</i> +	Microscopy/ rtPCR	R,A	R,A	R,A	F/E
<i>Giardia spp.</i> +	Microscopy/ rtPCR	R,A	R,A	R,A	F/E
Helminths+	Microscopy	R,A	R,A	R,A	F/E

+ Simian agents recommended by FELASA 2019 for macaques, baboons and New World primates including frequency - [R] = upon arrival, [A] = annually

* Testing available upon request. Please notify the lab 15 days prior to shipment of samples.

** *Mycobacterium tuberculosis* skin testing is performed at NHP facility. Contact us for more information regarding additional testing.

++ Parasites should be checked at least annually

Sample type and collection:

Serology (S) - Minimum volume required is 100ul - 300ul of undiluted 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) - Spot 4 drops directly on the circle printed on the card. Please use 1 card per animal. After air-drying, place card in sample bag together with the desiccant and submit to our lab. No refrigeration or sample preparation is needed.

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

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

rtPCR Assays - Contact the lab for the availability of rtPCR testing for the agents listed above.

Please contact us regarding these or any of our other testing capabilities at healthmonitorlab@envigo.com or visit us at envigo.com

Contact us

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