



Research Models and Services
Health monitoring

Nonhuman primate diagnostic testing services

Inotiv 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.

Inotiv nonhuman primate testing panels and agents

VIRUSES	TEST METHOD	MACAQUE	BABOON	NEW WORLD	SAMPLE TYPE
B Virus ⁺	ELISA, IFA, rtPCR	R,A			S/DBS/WB
Coronavirus (COVID-19)*	ELISA, IFA, rtPCR				S/DBS/WB
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, IFA, rtPCR	R	R		S/DBS/WB
Simian retrovirus (SRV) ⁺	ELISA, IFA, rtPCR	R	R		S/DBS/WB
Simian rubella*	ELISA				S/DBS
Simian T-lymphotropic virus (STLV) ⁺	ELISA, IFA, rtPCR	R	R		S/DBS/WB
Simian toxoplasma*	ELISA				S/DBS
<i>Varicella zoster</i> *	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 100µl - 300µl of undiluted sample in Eppendorf tube or serum tube. Refrigerate at 4°C or freeze prior to shipping. Ship using 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, the card is placed in a sample bag together with the desiccant and submitted to our lab. No refrigeration or sample preparation is needed.

Whole Blood (WB) - WB samples are required for rtPCR testing only. Minimum volume required is 3 ml of whole blood in EDTA collection tubes. Refrigerate at 4°C or freeze prior to shipping. Ship using dry ice or ice packs to maintain temperature throughout shipping. Ship for next day delivery.

Fecal (F) - Please collect approximately 5g of fresh fecal material and place 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 submit refrigerated or frozen WB samples for rtPCR testing.

Additional testing services are available for mice, rats, cell lines and other species.

Contact us at
healthmonitorlab@inotivco.com
 for a free consultation.