

Molecular Diagnostics Panels

Our NGS panels can be used for all kinds of nucleic acid containing material like tissue, feces or environmental samples like air dust filter. We offer this method for 10 or more samples.

Different sample types can be used for the different diagnostic procedures:

AD - Air Dust Filter
 T- Tissue
 F- Feces

DS - Dry swab
 DSS - Deep skin scrape
 FS - Fur swab

VIRUSES

NGS	Sample type	PathoScreen NGS
Mouse rotavirus (EDIM)	AD,F, DS	✓
Mouse Hepatitis Virus (MHV)	AD,F, DS, T	✓
Murine norovirus (MNV)	AD,F, DS	✓
Theiler's murine encephalomyelitis virus (TMEV)	AD,F, DS	✓
Astrovirus	AD,F, T	✓
Lactate dehydrogenase elevating virus (LDV)	AD,F, DS	✓
Lactate dehydrogenase elevating virus (LDV)	AD,F, DS	✓
Lymphocytic choriomeningitis virus (LCV)	AD,DS	✓
Orthohantavirus hantense	AD,F, DS	✓
Orthohantavirus seoulense	AD,F, DS	✓
Orthohantavirus sinmombreense	AD,F, DS	✓
Prospect Hill virus	AD,F, DS	✓
Pneumonia virus of mice (PVM)	AD,F, DS	✓
Mammalian orthoreovirus type 3 (REO-3)	AD,F, DS	✓
Sendai virus (SEN)	AD,T, DS	✓
Mouse parvovirus (MPV)	AD,F, T, DS	✓
Minute virus of mice (MVM)	AD,F, T, DS	✓
Ectromelia virus (ECT)	AD,F, T	✓
Mouse cytomegalovirus (CMV)	AD,DS	✓
Murine Adenovirus type 1 (MAD-1)	AD,F, DS	✓
Murine Adenovirus type 2 (MAD-2)	AD,F, DS	✓
Mouse Thymic Virus (MTV)	AD,T, DS	✓
Murine pneumotropic virus (K Virus)	AD,F, DS	✓
Murine polyomavirus	AD,F, DS	✓
Citrobacter rodentium	AD,F, DS	✓
Clostridium piliforme	AD,F, DS	✓
Corynebacterium bovis	AD,F, DS	✓
Corynebacterium kutscheri	AD,F, DS	✓
Campylobacter jejuni	AD,F, DS	✓
Helicobacter bilis	AD,F, DS	✓
Helicobacter hepaticus	AD,F, DS	✓
Helicobacter rodentium	AD,F, DS	✓
Helicobacter typhlonius	AD,F, DS	✓
Helicobacter ganmani	AD,F, DS	✓
Helicobacter mastomyrinus	AD,F, DS	✓
Haemophilus influenzae	AD,F, DS	✓
Haemophilus paraaerolyticus	AD,F, DS	✓
Haemophilus parainfluenzae	AD,F, DS	✓
Haemophilus pittmaniae	AD,F, DS	✓
Muribacter muris	AD,F, DS	✓

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BACTERIA

NGS	Sample type	PathoScreen CE S
Klebsiella oxytoca	AD,F, DS	✓
Klebsiella pneumoniae	AD,F, DS	✓
Mycoplasma pulmonis	AD,F, DS	✓
Pseudomonas aeruginosa	AD,F, DS	✓
Proteus mirabilis	AD,F, DS	✓
Rodentibacter heylii	AD,F, DS	✓
Rodentibacter pneumotropicus	AD,F, DS	✓
Staphylococcus aureus	AD,F, DS	✓
Salmonella spp.	AD,F, DS	✓
Streptobacillus moniliformis	AD,DS	✓
Streptococcus agalactiae (B)	AD,DS	✓
Streptococcus canis (G)	AD,DS	✓
Streptococcus equi (C)	AD,DS	✓
Streptococcus pneumoniae	AD,DS	✓
Streptococcus pyogenes (A)	AD,DS	✓
Bordetella bronchiseptica	AD,DS	✓
Bordetella hinzii	AD,DS	✓
Bordetella pseudohinzii	AD,DS	✓
Filobacterium rodentium (CARB)	AD,DS	✓

FUNGI

NGS	Sample type	PathoScreen CE S
Pneumocystis carinii	AD,T	✓
Cryptosporidium muris	AD, F	✓

ECTOPARASITS

NGS	Sample type	PathoScreen CE S
Myobia musculi	AD, FS	✓
Myocoptes musculinus	AD, FS	✓
Radfordia affinis	AD, FS	✓
Radfordia elegantula	AD, FS	✓
Radfordia lemnina	AD, FS	✓

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ENDOPARASITS

NGS	Sample type	PathoScreen CE S
Aspiculuris tetraptera	AD, F	✓
Entamoeba muris	AD, F	✓
Giardia muris	AD, F	✓
Spiroplasma muris	AD, F	✓
Syphacia muris	AD, F	✓
Syphacia obvelata	AD, F	✓
Trichostrongylus axei	AD, F	✓
Eimeria falciformis	AD, F	✓
Eimeria ferrisi	AD, F	✓
Eimeria vermiformis	AD, F	✓
Encephalitozoon cuniculi	AD, F	✓