

Molecular Diagnostics Panels

Our PCR panels can be used for all kinds of nucleic acid containing sample material like tissue, feces or environmental samples like air dust filter. We provide different health monitoring programs for quarterly or yearly monitoring according to FELASA recommendations and more. Also, any kind of custom panels are possible.

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

PCR	Sample type	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL	PathoScreen CE XXL
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			✓	✓
Lymphocytic choriomeningitis virus (LCV)	AD, DS		✓	✓	✓
Orthohantavirus hantaanense	AD, F, DS			✓	✓
Orthohantavirus seoulense	AD, F, DS			✓	✓
Orthohantavirus sin-nom-brense	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 mammary tumor virus	AD, T				✓
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 kidney parvovirus (MKPV)	AD, F, T				✓
Mouse Thymic Virus (MTV)	AD, T, DS				✓
Murine pneumotropic virus (K Virus)	AD, F, DS				✓
Murine polyomavirus	AD, F, DS				✓

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BACTERIA

PCR	Sample type	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL	PathoScreen CE XXL
Citrobacter rodentium	AD,F, DS		✓	✓	✓
Clostridium piliforme	AD,F, DS		✓	✓	✓
Corynebacterium bovis	AD,F, DS				
Corynebacterium kutscheri	AD,F, DS	✓	✓	✓	✓
Helicobacter spp.	AD,F, DS	✓	✓	✓	✓
Helicobacter bilis	AD,F, DS	✓	✓	✓	✓
Helicobacter hepaticus	AD,F, DS	✓	✓	✓	✓
Helicobacter rodentium	AD,F, DS	✓	✓	✓	✓
Helicobacter typhlonius	AD,F, DS	✓	✓	✓	✓

BACTERIA

PCR	Sample type	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL	PathoScreen CE XXL
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

PCR	Sample type	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL	PathoScreen CE XXL
Pneumocystis carinii	AD,T	✓	✓	✓	✓
Cryptosporidium muris	AD, F				

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ECTOPARASITS

PCR	Sample type	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL	PathoScreen CE XXL
Myobia musculi	AD, FS	✓	✓	✓	✓
Myocoptes musculus	AD, FS	✓	✓	✓	✓
Radfordia affinis	AD, FS	✓	✓	✓	✓

ENDOPARASITS

PCR	Sample type	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL	PathoScreen CE XXL
Aspiculuris tetraptera	AD, F	✓	✓	✓	✓
Entamoeba muris	AD, F	✓	✓	✓	✓
Chilomastix	AD, F	✓	✓	✓	✓
Giardia muris	AD, F	✓	✓	✓	✓
Spiroplasma muris	AD, F	✓	✓	✓	✓
Syphacia muris	AD, F	✓	✓	✓	✓
Syphacia obvelata	AD, F	✓	✓	✓	✓
Tritrichomonas muris	AD, F	✓	✓	✓	✓
Eimeria spp.	AD, F				
Hexamastix spp.	AD, F				