

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
Parvoviruses				
Kilham rat virus (KRV)	AD,F, T	✓	✓	✓
Rat minute virus (RMV)	AD,F, T	✓	✓	✓
Rat parvovirus (RPV)	AD,F, T	✓	✓	✓
Toolan's H-1 virus (H-1)	AD,F, T	✓	✓	✓
Murine Adenovirus type 1 (MAD-1)	AD,F, DS		✓	✓
Murine Adenovirus type 1 (MAD-2)	AD,F, DS		✓	✓
Rat coronavirus/Sialodacryoadenitis virus (RCV/SDAV)	AD,T, DS	✓	✓	✓
Rat reovirus (RTV)	AD,F, DS	✓	✓	✓
Pneumonia virus of mice (PVM)	AD,F, DS	✓	✓	✓
Hantaviruses				
Orthohantavirus hantense	AD,F, DS		✓	✓
Orthohantavirus prospectense	AD,T, DS		✓	✓
Orthohantavirus seoulense	AD,F, DS		✓	✓
Orthohantavirus sinnombreense	AD,F, DS		✓	✓
Sendai virus (SEN)	AD,F, DS		✓	✓
Mammalian orthoreovirus type 3 (REO-3)	AD,F, DS		✓	✓
Lymphocytic choriomeningitis virus (LCV)	AD,DS			✓

BACTERIA

PCR	Method	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL
Bordetella bronchiseptica	AD,F, DS			✓
Bordetella hinzii	AD,F, DS			✓
Bordetella pseudohinzii	AD,F, DS			✓
Filobacterium rodentium (CARB)	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 typhlonius	AD,F, DS	✓	✓	✓
Helicobacter rodentium	AD,F, DS	✓	✓	✓
Klebsiella oxytoca	AD,F, DS			✓
Klebsiella pneumoniae	AD,F, DS			✓
Mycoplasma pulmonis	AD,F, DS	✓	✓	✓
Rodentibacter heyltii	AD,F, DS	✓	✓	✓
Rodentibacter pneumotropicus	AD,F, DS	✓	✓	✓
Pneumocystis spp.	AD,F, DS		✓	✓
Proteus mirabilis	AD,F, DS		✓	✓
Pseudomonas aeruginosa	AD,F, DS		✓	✓
Salmonella spp.	AD,F, DS		✓	✓
Staphylococcus aureus	AD,F, DS			✓
Streptobacillus moniliformis	AD, DS		✓	✓
Streptococcus pneumoniae	AD,F, DS	✓	✓	✓
Streptococci, β -haem. (A,B,C,G)	AD, DS	✓	✓	✓
Streptococcus agalactiae - B	AD, DS	✓	✓	✓
Streptococcus pyogenes-A	AD, DS	✓	✓	✓
Streptococcus equi subsp. zooepidemicus-C	AD, DS	✓	✓	✓
Streptococcus canis-G	AD, DS	✓	✓	✓

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FUNGI

PCR	Method	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL
Pneumocystis carinii	AD,F,T	✓	✓	✓

ENDOPARASITS

PCR	Method	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL
Aspiculuris tetraptera	AD,F	✓	✓	✓
Eimeria spp.	AD,F			
Entamoeba muris	AD,F	✓	✓	✓
Chilomastix spp.	AD,F	✓	✓	✓
Giardia muris	AD,F	✓	✓	✓
Hexamastix spp.	AD,F			
Spiroplasma muris	AD,F	✓	✓	✓
Syphacia muris	AD,F	✓	✓	✓
Syphacia obvelata	AD,F	✓	✓	✓
Trichostrongylus axei	AD,F	✓	✓	✓

ECTOPARASITS

PCR	Method	PathoScreen CE S	PathoScreen CE L	PathoScreen CE XL
Myobia musculi	AD, FS	✓	✓	✓
Myocoptes musculinus	AD, FS	✓	✓	✓
Radfordia affinis	AD, FS	✓	✓	✓
Radfordia ensifera	AD, FS	✓	✓	✓