

Mouse Panel

Fera Rodent Screening Service.



In accordance with FELASA recommendations.

Fera Animal Health Monitoring

We offer microbiological testing for rats in accordance with FELASA recommendations. Talk to us to create a bespoke panel tailored to your needs, with no hidden costs.

We are committed to listening to our customers to develop and improve our rodent screening service. Our mouse panels now include the novel agents *Mouse Kidney Parvovirus* and *Candidatus savagella* (Segmented Filamentous Bacteria SFB).

Key Highlights:

- Utilises latest advances in diagnostics; TaqMan® Real-Time PCR, MALDI-ToF and Volumetric Absorptive Microsampling (VAMS)
- Fully automated high throughput extraction and analysis
- Bespoke panels without extra costs
- Novel agents available: Monkey Kidney Parvovirus and *Candidatus savagella* (SFB)
- Urgent analysis available – turnaround 24 hours
- Tests can be applied to 'live' sampling and post-mortem sampling
- In-house validated tests consistently identify pathogens in laboratory animals
- Complementary consultancy, set-up and training service by a specialist microbiologist

Bacteria and fungi

ORGANISMS	SPECIMIN TYPE	FERA QUARTERLY PANEL	FERA QUARTERLY PANEL + OPPORTUNISTS	FERA ANNUAL PANEL	FERA ANNUAL PANEL + OPPORTUNISTS	FERA MOUSE IMMUNO-COMPROMISED	METHODS
B-Haemolytic Streptococcus Lancefield Group A	WA/OS/E	o	o	o	o	o	PCR/Cult
B-Haemolytic Streptococcus Lancefield Group B	WA/F/E	o	o	o	o	o	PCR/Cult
B-Haemolytic Streptococcus Lancefield Group C	WA/F/E	o	o	o	o	o	PCR/Cult
B-Haemolytic Streptococcus Lancefield Group G	WA/F/E	o	o	o	o	o	PCR/Cult
Bordetella bronchiseptica	WA/OS/E					o	PCR/Cult
Candidatus savagella (SFB)	WA/F/E		o		o	o	PCR
Campylobacter species	WA/F/E		o		o	o	PCR/Cult
Citrobacter rodentium	WA/F/E			o	o	o	PCR/Cult
Clostridium piliforme	WA/F/B/E			o	o	o	PCR/MFIA
Corynebacterium bovis	WA/PS/E					o	PCR/Cult
Corynebacterium kutscheri	WA/F/E			o	o	o	PCR/Cult
Filobacterium rodentium	WA/OS/B/E		o		o	o	PCR/MFIA
Helicobacter species	WA/F/E	o	o	o	o	o	PCR
Helicobacter bilis	WA/F/E	o	o	o	o	o	PCR
Helicobacter ganmani	WA/F/E	o	o	o	o	o	PCR
Helicobacter hepaticus	WA/F/E	o	o	o	o	o	PCR
Helicobacter mastomyrinus	WA/F/E	o	o	o	o	o	PCR
Helicobacter rodentium	WA/F/E	o	o	o	o	o	PCR
Helicobacter typhlonius	WA/F/E	o	o	o	o	o	PCR
Klebsiella oxytoca	WA/F/E		o		o	o	PCR/Cult
Klebsiella pneumoniae	WA/OS/E		o		o	o	PCR/Cult
Mannheimia haemolytica	WA/OS/E		o		o	o	PCR/Cult
Mycoplasma pulmonis	WA/OS/B/E			o	o	o	PCR/MFIA
Pasteurella multocida	WA/OS/B/E				o	o	PCR/MFIA
Pneumocystis species	WA/OS/Lung/B/E				o	o	PCR/MFIA
Proteus mirabilis	WA/F/E		o		o	o	PCR/Cult
Pseudomonas aeruginosa	WA/F/E		o		o	o	PCR/Cult
Rodentibacter heylii	WA/OS/E	o	o	o	o	o	PCR/Cult
Rodentibacter pneumotropicus	WA/OS/E	o	o	o	o	o	PCR/Cult
Salmonella species	WA/F/E			o	o	o	PCR/Cult
Staphylococcus aureus	WA/F/E		o	o	o	o	PCR/Cult
Streptobacillus moniliformis	WA/F/E			o	o	o	PCR/Cult
Streptococcus pneumoniae	WA/OS/E	o	o	o	o	o	PCR/Cult

Parasites

Aspiculuris tetraptera	WA/F/E	o	o	o	o	o	PCR/FC
Cryptosporidium species	WA/F/E	o	o	o	o	o	PCR/MZN
Chilomastix	WA/F/E	o	o	o	o	o	PCR/FC
Demodex musculi	WA/PS/E				o	o	PCR/MIC
Eimeria species	WA/F/E				o	o	PCR/FC
Encephalitozoon cuniculi	WA/F/E				o	o	PCR/MFIA
Entamoeba muris	WA/F/E	o	o	o	o	o	PCR/FC
Giardia species	WA/F/E	o	o	o	o	o	PCR/FC
Myobia musculi	WA/PS/E	o	o	o	o	o	PCR/MIC
Myocoptes musculus	WA/PS/E	o	o	o	o	o	PCR/MIC
Ornithonyssus bacoti	WA/PS/E				o	o	PCR/MIC
Radfordia species	WA/PS/E	o	o	o	o	o	PCR/MIC
Spironucleus muris	WA/F/E	o	o	o	o	o	PCR/FC
Syphacia muris	WA/F/E	o	o	o	o	o	PCR/MIC
Syphacia obvelata	WA/F/E	o	o	o	o	o	PCR/MIC
Tritrichomonas species	WA/F/E	o	o	o	o	o	PCR/FC

Viruses

Ectromelia Virus	WA/F/B/E			o	o	o	PCR/MFIA
Hantaan	WA/F/B/E			o	o	o	RT-PCR/MFIA
Lactate Dehydrogenase Elevating Virus	WA/F/B/E			o	o	o	RT-PCR/MFIA
Lymphocytic Choriomeningitis Virus	WA/F/B/E			o	o	o	RT-PCR/MFIA
Mouse Adenovirus	WA/F/B/E			o	o	o	PCR/MFIA
Mouse Cytomegalovirus	WA/F/B/E			o	o	o	PCR/MFIA
Mouse Hepatitis Virus	WA/F/B/E	o	o	o	o	o	RT-PCR/MFIA
Mouse Minute Virus	WA/F/B/E	o	o	o	o	o	PCR/MFIA
Mouse Norovirus	WA/F/B/E	o	o	o	o	o	RT-PCR/MFIA
Mouse Kidney Parvovirus	WA/F/B/E			o	o	o	PCR/MFIA
Mouse Parvovirus	WA/F/B/E	o	o	o	o	o	PCR/MFIA
Mouse Rotavirus EDIM	WA/F/B/E	o	o	o	o	o	RT-PCR/MFIA
Mouse Thymic Virus	WA/F/B/E			o	o	o	PCR/MFIA
Pneumonia Virus of Mouse	WA/OS/B/E			o	o	o	RT-PCR/MFIA
Polyoma Virus	WA/F/B/E			o	o	o	PCR/MFIA
Prospect Hill Virus	WA/B			o	o		MFIA
Reovirus-3	WA/F/B/E			o	o	o	RT-PCR/MFIA
Sendai Virus	WA/OS/B/E			o	o	o	RT-PCR/MFIA
Theiler's Murine Encephalomyelitis Virus	WA/F/B/E	o	o	o	o	o	RT-PCR/MFIA

Bespoke panels also available

WA = Whole Animal
F = Faeces
B = Blood Vams Mitra /Serum
OS = Oral Swab
PS = Pelt Swab
E = Environmental Ead

PCR = Polymerase Chain Reaction
RT-PCR = Reverse Transcriptase Real Time Pcr
MFIA = Multiplex Fluorometric Immunoassay
MIC = Microscopy

FC = Faecal Concentration
MZN = Modified Ziehl-Neelsen
CULT = Culture