

Rat 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 rat panels include *Rodentibacter ratti* formerly *Pasteurella pneumotropica* Taxon B, Taxon 22.

Key Highlights:

- Utilises latest advances in diagnostics; Taqman[®] Real-Time PCR, Maldi-ToF and Volumetric Absorbative Microsampling (VAMs)
- Fully automated high throughput extraction and analysis
- Bespoke panels without extra costs
- *Rodentibacter ratti* Real-Time PCR available
- Urgent analysis – 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	Specimen Type	FERA QUARTERLY RAT PANEL	FERA QUARTERLY RAT PANEL + OPPORTUNISTS	FERA ANNUAL RAT PANEL	FERA ANNUAL RAT PANEL + OPPORTUNISTS	FERA RAT IMMUNOCOMPROMISED	METHOD
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		o	o	PCR/Cult
Campylobacter species	WA/F/E		o		o	o	PCR/Cult
Clostridium piliforme	WA/F/B/E	o	o	o	o	o	PCR/MFIA
Corynebacterium bovis	WA/PS/E		o		o	o	PCR/Cult
Corynebacterium kutscheri	WA/F/E		o		o	o	PCR/Cult
Filobacterium rodentium	WA/OS/B			o	o	o	PCR/MFIA
Helicobacter species	WA/F/E	o	o	o	o	o	PCR/Cult
Helicobacter bilis	WA/F/E	o	o	o	o	o	PCR/Cult
Helicobacter ganmani	WA/F/E	o	o	o	o	o	PCR/Cult
Helicobacter hepaticus	WA/F/E	o	o	o	o	o	PCR/Cult
Helicobacter mastomyrinus	WA/F/E	o	o	o	o	o	PCR/Cult
Helicobacter rodentium	WA/F/E	o	o	o	o	o	PCR/Cult
Helicobacter typhlonius	WA/F/E	o	o	o	o	o	PCR/Cult
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	PCR/Cult
Mycoplasma pulmonis	WA/OS/B/E	o	o	o	o	o	PCR/MFIA
Pasteurella multocida	WA/OS/E		o		o	o	PCR/Cult
Pneumocystis species	WA/OS/B/E			o	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
Rodentibacter rattii	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	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
Chilomastix	WA/F/E	o	o	o	o	o	PCR/FC
Cryptosporidium species	WA/F/E	o	o	o	o	o	PCR/MZN
Eimeria species	WA/F/E			o	o	o	PCR/FC
Encephalitozoon cuniculi	WA/F/B			o	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/MIC
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/FC
Spiroplasma muris	WA/F/E	o	o	o	o	o	PCR/FC
Syphacia muris	WA/F/E	o	o	o	o	o	PCR/FC
Syphacia obvelata	WA/F/E	o	o	o	o	o	PCR/FC
Trichostrongylus axei	WA/F/E	o	o	o	o	o	PCR/FC

Viruses

Seoul	WA/F/B/E			o	o	o	RT-PCR/MFIA
Rat Rotavirus IDIR	WA/B				o	o	MFIA
Kilham Rat Virus	WA/F/B/E	o	o	o	o	o	PCR/MFIA
Lymphocytic Choriomeningitis Virus	WA/F/B/E				o	o	RT-PCR/MFIA
Mouse Adenovirus	WA/F/B/E			o	o	o	PCR/MFIA
Parainfluenzae Virus -3	WA/B			o	o		MFIA
Pneumonia Virus of Mice	WA/OS/B/E	o	o	o	o	o	RT-PCR/MFIA
Rat Coronavirus /Sialoadentis virus	WA/OS/B/E	o	o	o	o	o	RT-PCR/MFIA
Rat Minute Virus	WA/F/B/E	o	o	o	o	o	PCR/MFIA
Rat Parvovirus	WA/F/B/E	o	o	o	o	o	PCR/MFIA
Rat Theilovirus	WA/F/B/E	o	o	o	o	o	RT-PCR/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
Toxovirus H1 virus	WA/F/B/E	o	o	o	o	o	PCR/MFIA

Bespoke panels also available

- WA

F

B

OS

PS

E
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- Whole Animal

Faeces

Blood Vams Mitra /Serum

Oral Swab

Pelt Swab

Environmental Ead

- PCR

RT-PCR

MFIA

MIC
- =

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- Polymerase Chain Reaction

Reverse Transcriptase Real Time Pcr

Multiplex Fluorometric Immunoassay

Microscopy

- FC

MZN

CULT
- =

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- Faecal Concentration

Modified Ziehl-Neelsen

Culture