



## ANIMAL HEALTH MONITORING



In accordance with FELASA recommendations.

# MOUSE PANELS

FERA OFFER A MICROBIOLOGICAL TESTING SERVICE FOR MICE IN ACCORDANCE WITH FELASA RECOMMENDATIONS. TALK TO US TO DEVISE YOUR OWN BESPOKE PANEL, 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).

- // Utilises latest advances in diagnostics; TaqMan® Real-Time PCR, Maldi-ToF and Volumetric Absorbive 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



ORGANISMS	SPECIMIN TYPE	FERA QUARTERLY PANEL	FERA QUARTERLY PANEL + OPPORTUNISTS	FERA ANNUAL PANEL	FERA ANNUAL PANEL + OPPORTUNISTS	FERA MOUSE IMMUNO-COMPROMISED	METHOD
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## BACTERIA & FUNGI

<i>B-Haemolytic Streptococcus Lancefield Group A</i>	WA/OS/E	0	0	0	0	0	PCR/Cult
<i>B-Haemolytic Streptococcus Lancefield Group B</i>	WA/F/E	0	0	0	0	0	PCR/Cult
<i>B-Haemolytic Streptococcus Lancefield Group C</i>	WA/F/E	0	0	0	0	0	PCR/Cult
<i>B-Haemolytic Streptococcus Lancefield Group G</i>	WA/F/E	0	0	0	0	0	PCR Cult
<i>Bordetella bronchiseptica</i>	WA/OS/E					0	PCR/Cult
<i>Candidatus savagella (SFB)</i>	WA/F/E		0		0	0	PCR
<i>Campylobacter species</i>	WA/F/E		0		0	0	PCR/Cult
<i>Citrobacter rodentium</i>	WA/F/E			0	0	0	PCR/Cult
<i>Clostridium piliforme</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Corynebacterium bovis</i>	WA/PS/E					0	PCR/Cult
<i>Corynebacterium kutscheri</i>	WA/F/E			0	0	0	PCR/Cult
<i>Filobacterium rodentium</i>	WA/OS/B/E		0		0	0	PCR/MFIA
<i>Helicobacter species</i>	WA/F/E	0	0	0	0	0	PCR
<i>Helicobacter bilis</i>	WA/F/E	0	0	0	0	0	PCR
<i>Helicobacter ganmani</i>	WA/F/E	0	0	0	0	0	PCR
<i>Helicobacter hepaticus</i>	WA/F/E	0	0	0	0	0	PCR
<i>Helicobacter mastomyrinus</i>	WA/F/E	0	0	0	0	0	PCR
<i>Helicobacter rodentium</i>	WA/F/E	0	0	0	0	0	PCR
<i>Helicobacter typhlonius</i>	WA/F/E	0	0	0	0	0	PCR
<i>Klebsiella oxytoca</i>	WA/F/E		0		0	0	PCR/Cult
<i>Klebsiella pneumoniae</i>	WA/OS/E		0		0	0	PCR/Cult
<i>Mannheimia haemolytica</i>	WA/OS/E		0		0	0	PCR/Cult
<i>Mycoplasma pulmonis</i>	WA/OS/B/E			0	0	0	PCR/MFIA
<i>Pasteurella multocida</i>	WA/OS/E				0	0	PCR/MFIA
<i>Pneumocystis species</i>	WA/OS/Lung/B/E				0	0	PCR/MFIA
<i>Proteus mirabilis</i>	WA/F/E		0		0	0	PCR/Cult
<i>Pseudomonas aeruginosa</i>	WA/F/E		0		0	0	PCR/Cult
<i>Rodentibacter heyllii</i>	WA/OS/E	0	0	0	0	0	PCR/Cult
<i>Rodentibacter pneumotropicus</i>	WA/OS/E	0	0	0	0	0	PCR/Cult
<i>Salmonella species</i>	WA/F/E			0	0	0	PCR/Cult
<i>Staphylococcus aureus</i>	WA/F/E		0		0	0	PCR/Cult
<i>Streptobacillus moniliformis</i>	WA/F/E			0	0	0	PCR/Cult
<i>Streptococcus pneumoniae</i>	WA/OS/E	0	0	0	0	0	PCR/Cult

## PARASITES

<i>Aspicularis tetraptera</i>	WA/F/E	0	0	0	0	0	PCR/FC
<i>Cryptosporidium species</i>	WA/F/E	0	0	0	0	0	PCR/MZN
<i>Chilomastix species</i>	WA/F/E	0	0	0	0	0	PCR/FC
<i>Demodex musculi</i>	WA/PS/E				0	0	PCR/MIC
<i>Eimeria species</i>	WA/F/E				0	0	PCR/FC
<i>Encephalitozoon cuniculi</i>	WA/F/E				0	0	PCR/MFIA
<i>Entamoeba muris</i>	WA/F/E	0	0	0	0	0	PCR/FC
<i>Giardia species</i>	WA/F/E	0	0	0	0	0	PCR/FC
<i>Myobia musculi</i>	WA/PS/E	0	0	0	0	0	PCR/MIC
<i>Myocoptes musculinus</i>	WA/PS/E	0	0	0	0	0	PCR/MIC
<i>Ornithonyssus bacoti</i>	WA/PS/E				0	0	PCR/MIC
<i>Radfordia species</i>	WA/PS/E	0	0	0	0	0	PCR/MIC
<i>Spiroplasma muris</i>	WA/F/E	0	0	0	0	0	PCR/FC
<i>Syphacia muris</i>	WA/F/E	0	0	0	0	0	PCR/MIC
<i>Syphacia obvelata</i>	WA/F/E	0	0	0	0	0	PCR/MIC
<i>Tritrichomonas species</i>	WA/F/E	0	0	0	0	0	PCR/FC

## VIRUSES

<i>Ectromelia Virus</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Hantaan</i>	WA/F/B/E			0	0	0	RT-PCR/MFIA
<i>Lactate Dehydrogenase Elevating Virus</i>	WA/F/B/E			0	0	0	RT-PCR/MFIA
<i>Lymphocytic Choriomeningitis Virus</i>	WA/F/B/E			0	0	0	RT-PCR/MFIA
<i>Mouse Adenovirus</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Mouse Cytomegalovirus</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Mouse Hepatitis Virus</i>	WA/F/B/E	0	0	0	0	0	RT-PCR/MFIA
<i>Mouse Minute Virus</i>	WA/F/B/E	0	0	0	0	0	PCR/MFIA
<i>Mouse Norovirus</i>	WA/F/B/E	0	0	0	0	0	RT-PCR/MFIA
<i>Mouse Kidney Parvovirus</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Mouse Parvovirus</i>	WA/F/B/E	0	0	0	0	0	PCR/MFIA
<i>Mouse Rotavirus EDIM</i>	WA/F/B/E	0	0	0	0	0	RT-PCR/MFIA
<i>Mouse Thymic Virus</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Pneumonia Virus of Mouse</i>	WA/OS/B/E			0	0	0	RT-PCR/MFIA
<i>Polyoma Virus</i>	WA/F/B/E			0	0	0	PCR/MFIA
<i>Prospect Hill Virus</i>	WA/B			0	0		MFIA
<i>Reovirus-3</i>	WA/F/B/E			0	0	0	RT-PCR/MFIA
<i>Sendai Virus</i>	WA/OS/B/E			0	0	0	RT-PCR/MFIA
<i>Theiler's Murine Encephalomyelitis Virus</i>	WA/F/B/E	0	0	0	0	0	RT-PCR/MFIA

WA = WHOLE ANIMAL  
F = FAECES  
B = BLOOD VAMS MITRA /SERUM

OS = ORAL SWAB  
PS = PELT SWAB  
E = ENVIRONMENTAL EAD

PCR = POLYMERASE CHAIN REACTION  
qPCR = QUANTITATIVE REAL-TIME PCR  
RT-qPCR = REVERSE TRANSCRIPTASE QUANTITATIVE REAL-TIME PCR  
MFIA = MULTIPLEX FLUOROMETRIC IMMUNOASSAY

MIC = MICROSCOPY  
FC = FAECAL CONCENTRATION  
MZN = MODIFIED ZIEHL-NEELSEN