



## ANIMAL HEALTH MONITORING

# HAMSTER & GERBIL PANEL

FERA OFFER A MICROBIOLOGICAL TESTING SERVICE FOR HAMSTERS AND GERBILS IN ACCORDANCE WITH FELASA RECOMMENDATIONS. TALK TO US TO DEVISE YOUR OWN BESPOKE PANEL, WITH NO HIDDEN COSTS.



In accordance with FELASA recommendations.

Fera offer a range of panels that fit the FELASA recommendations for quarterly and annual screening

We can help you devise your own panels that fit your needs with no hidden extra charges for every addition you make to our panels. With our help you can make the choice of organisms, the choice of methods and the choice of screening strategy.

- // 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
- // *Clostridium difficile* Real-Time qPCR 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



ORGANISMS	SPECIMEN TYPE	FERA ANNUAL PANEL	METHOD
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## BACTERIA & FUNGI

<i>Clostridium difficile</i>	WA/F/E	o	qPCR/Cult
<i>Clostridium piliforme</i>	WA/F/B/E	o	qPCR/IFA
<i>Corynebacterium kutscheri</i>	WA/F/E	o	qPCR/Cult
<i>Helicobacter species</i>	WA/F/E	o	qPCR
<i>Helicobacter bilis</i>	WA/F/E	o	PCR
<i>Helicobacter hepaticus</i>	WA/F/E	o	PCR
<i>Helicobacter rodentium</i>	WA/F/E	o	PCR
<i>Helicobacter typhlonius</i>	WA/F/E	o	PCR
<i>Rodentibacter heylII</i>	WA/OS/E	o	qPCR/Cult
<i>Rodentibacter pneumotropicus</i>	WA/OS/E	o	qPCR/Cult
<i>Rodentibacter ratti</i>	WA/OS/E	o	qPCR/Cult
<i>Salmonella species</i>	WA/F/E	o	qPCR/Cult

## PARASITES

<i>Aspicularis tetraptera</i>	WA/F/E	o	qPCR/FC
<i>Chilomastix species</i>	WA/F/E	o	qPCR/FC
<i>Cryptosporidium species</i>	WA/F/E	o	qPCR/MZN
<i>Encephalitozoon cuniculi</i>	WA/B	o	IFA
<i>Entamoeba muris</i>	WA/F/E	o	qPCR/FC
<i>Giardia species</i>	WA/F/E	o	qPCR/FC
<i>Myobia musculi</i>	WA/PS/E	o	qPCR/MIC
<i>Myocoptes musculinus</i>	WA/PS/E	o	qPCR/MIC
<i>Radfordia species</i>	WA/PS/E	o	qPCR/MIC
<i>Spironucleus muris</i>	WA/F/E	o	qPCR/FC
<i>Syphacia muris</i>	WA/F/E	o	qPCR/FC
<i>Syphacia obvelata</i>	WA/F/E	o	qPCR/FC
<i>Tritrichomonas species</i>	WA/F/E	o	qPCR/FC

## VIRUSES

Lymphocytic choriomeningitis virus	WA/F/B/E	o	qPCR/IFA
Sendai Virus	WA/OS/B/E	o	qPCR/IFA
Pneumonia Virus of Mice	WA/OS/B/E	o	qPCR/IFA

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  
 IFA = INDIRECT IMMUNOFLUORESCENCE ASSAY  
 MIC = MICROSCOPY  
 FC = FAECAL CONCENTRATION  
 MZN = MODIFIED ZIEHL-NEESEN  
 CULT = CULTURE