

# Rodent Health Monitoring

## At Surrey Diagnostics we offer:

- Bespoke panels are available upon request
- Individual testing agents also available
- Personalised service and advice from experienced scientists
- LAA also available in our **Enviro**screen services
- Experienced animal care staff on-site
- Routine validation checks to ensure reliability
- Variety of sample types accepted
- Urgent 24-hour turnaround time service available



		Combination Quarterly	Quarterly (PCR & Sero only)	Quarterly SOPF (PCR & Sero only)	Combination Annual	Annual (PCR & Sero only)	Annual SOPF (PCR & Sero only)	P3 (PCR only)	
Mouse									
Viruses	Sample type								Method
Ectromelia Virus	EAD/B/F/WA				X	X	X		PCR/Sero
K Virus	EAD/B/F/WA				X		X		PCR/Sero
Lactate Dehydrogenase-Elevating Virus (LDEV)	EAD/B/F/WA				X		X		PCR/Sero
Lymphocytic Choriomeningitis Virus (LCMV)	EAD/B/F/WA				X	X	X		Sero
Minute Virus of Mouse (MVM)	EAD/B/F/WA	X	X	X	X	X	X		PCR/Sero
Mouse Adenovirus (MAD1)	EAD/B/F/WA				X	X	X		PCR/Sero
Mouse Adenovirus (MAD2)	EAD/B/F/WA				X	X	X		PCR/Sero
Mouse Cytomeglovirus (MCMV)	EAD/B/F/WA				X		X		PCR/Sero
Mouse Hepatitis Virus (MHV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Mouse Kidney Parvovirus (MKPV)	EAD/B/F/WA						X		PCR
Mouse Norovirus (MNV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Mouse Parvovirus (MPV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Mouse Rotavirus (EDIM)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Mouse Thymic Virus (MTV)	EAD/B/F/WA				X		X		PCR/Sero
Pneumonia Virus of Mice (PVM)	EAD/B/F/WA	X		X	X	X	X		PCR/Sero
Polyoma Virus	EAD/B/F/WA				X		X		PCR/Sero
Reovirus 3	EAD/B/F/WA	X		X	X	X	X		PCR/Sero
Sendai	EAD/B/F/OS/WA	X		X	X	X	X		PCR/Sero
Seoul (Hanta) Virus	EAD/B/F/WA				X		X		PCR/Sero
Theiler's Murine Encephalomyelitis Virus (TMEV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Parasites									
Aspicurulus tetraptera	EAD/F/WA	X	X	X	X	X	X	X	PCR/FI/Micro
Chilomastix spp.	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Cryptosporidium spp	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Entamoeba muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Giardia muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Myobia/Radfordia	EAD/F/FS/SI/WA	X	X	X	X	X	X		PCR/Micro
Mycoptes	EAD/F/FS/SI/WA	X	X	X	X	X	X		PCR/Micro
Spironucleus muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Syphacia muris	EAD/F/SI/WA	X	X	X	X	X	X	X	PCR/Micro
Syphacia obvelata	EAD/F/SI/WA	X	X	X	X	X	X	X	PCR/Micro
Tritrichomonas muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Bacteria & Fungi									
Bordetella bronchiseptica	EAD/F/OS/WA	X		X	X		X		PCR/Cult
CAR bacillus	EAD/F/B/WA	X		X	X		X		PCR/Sero
Citrobacter rodentium	EAD/F/WA	X			X	X	X		PCR/Cult
Clostridium piliforme	EAD/F/B/WA	X		X	X	X	X		PCR/Sero
Corynebacterium bovis*	EAD/FS/WA	X			X				PCR/Cult
Corynebacterium kutscheri	EAD/F/WA	X			X	X	X		PCR/Cult
Encephalitozoon cuniculi	B				X		X		Sero
Helicobacter spp.**	EAD/F/WA	X	X	X	X	X	X	X	PCR
Klebsiella oxytoca	EAD/F/WA	X		X	X		X		PCR/Cult
Klebsiella pneumoniae	EAD/F/WA	X		X	X		X		PCR/Cult
Mycoplasma pulmonis	EAD/F/B/WA	X		X	X	X	X		PCR/Sero
Pasteurella pneumotropica biotype Heyl (Rodentibacter)	EAD/F/OS/WA	X	X	X	X	X	X	X	PCR/Cult
Pasteurella pneumotropica biotype Jawetz (Rodentibacter)	EAD/F/OS/WA	X	X	X	X	X	X	X	PCR/Cult
Pneumocystis murina	F/OS/B/WA				X	X	X		PCR/Sero
Proteus mirabilis	EAD/F/WA	X		X	X		X		PCR/Cult
Pseudomonas aeruginosa	EAD/F/WA	X		X	X		X		PCR/Cult
Salmonella spp	EAD/F/WA	X			X	X	X		PCR/Cult
Staphylococcus aureus	EAD/F/OS/WA	X		X	X		X		PCR/Cult
Staphylococcus xylosum*	EAD/F/WA	X			X				PCR/Cult
Streptobacillus moniliformis	EAD/F/WA	X			X	X	X		PCR/Cult
Streptococcus pneumoniae	EAD/F/OS/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group A	EAD/F/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group B	EAD/F/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group C	EAD/F/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group G	EAD/F/WA	X	X	X	X	X	X		PCR/Cult

B = Bloodspot/ serum  
 DOS= Dry oral swab (for PCR only)  
 E = Environmental swab  
 EAD = Environmental Air Dust  
 F = Faeces  
 FS = Fur swab  
 OS = Oral swab (Wet swabs for Culture only)  
 SI = Slide  
 WA = Whole animal

Cult = Culture  
 FI = Float  
 Micro = Microscopy  
 PCR = Polymerase Chain Reaction  
 Sero = Serology

\* Available upon request  
 \*\* **Helicobacter spp.** if positive, can be tested for the following species - *H.bilis*, *H. hepaticus*, *H. rodentium*, *H.ganmani*, *H.mastomyrinus* and *H.typhlonius*  
 Histology is available for all species upon request



		Combined Quarterly	Quarterly (PCR & Sero only)	Quarterly SOPF (PCR & Sero only)	Combined Annual	Annual (PCR & Sero only)	Annual SOPF (PCR & Sero only)	P3	
<b>Rat</b>									
<b>Viruses</b>	<b>Sample type</b>								<b>Method</b>
Adenovirus (MAD1)	EAD/B/F/WA				X	X	X		PCR/Sero
Adenovirus (MAD2)	EAD/B/F/WA				X	X	X		PCR/Sero
IDIR Rat Rotavirus	EAD/B/F/WA				X		X		Sero
Lymphocytic Choriomeningitis Virus (LCMV)	EAD/B/F/WA				X	X	X		Sero
Pneumonia Virus of Mice (PVM)	EAD/B/F/WA	X	X	X	X	X	X		PCR/Sero
Rat Coronavirus (RCV/SDAV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Rat Minute Virus (RMV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Rat Parvovirus (H1)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Rat Parvovirus (KRV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Rat Parvovirus (RPV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
Sendai	EAD/B/F/OS/WA	X		X	X	X	X		PCR/Sero
Seoul (Hanta) Virus	EAD/B/F/WA	X		X	X		X		PCR/Sero
Theiler's Murine Encephalomyelitis Virus (TMEV/RTV)	EAD/B/F/WA	X	X	X	X	X	X	X	PCR/Sero
<b>Parasites</b>									
Aspicularis tetraptera	EAD/F/WA	X	X	X	X	X	X	X	PCR/FI/Micro
Chilomastix spp.	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Cryptosporidium spp	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Entamoeba muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Giardia muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Myocoptes	EAD/F/FS/SI/WA	X	X	X	X	X	X		PCR/Micro
Radfordia/Myobia	EAD/F/FS/SI/WA	X	X	X	X	X	X		PCR/Micro
Spiroplasma muris	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
Syphacia muris	EAD/F/SI/WA	X	X	X	X	X	X	X	PCR/Micro
Syphacia obvelata	EAD/F/SI/WA	X	X	X	X	X	X	X	PCR/Micro
Trichostrongylus axei	EAD/F/WA	X	X	X	X	X	X		PCR/Micro
<b>Bacteria &amp; Fungi</b>									
Bordetella bronchiseptica	EAD/F/OS/WA	X		X	X		X		PCR/Cult
CAR bacillus	EAD/F/B/WA			X	X		X		PCR/Sero
Clostridium piliforme	EAD/F/B/WA	X	X	X	X	X	X		PCR/Sero
Corynebacterium bovis*	EAD/FS/WA	X			X				PCR/Cult
Corynebacterium kutscheri*	EAD/F/WA	X			X				PCR/Cult
Encephalitozoon cuniculi	B	X			X		X		Sero
Helicobacter spp.**	EAD/F/WA	X	X	X	X	X	X	X	PCR/Cult
Klebsiella oxytoca	EAD/F/WA	X		X	X		X		PCR/Cult
Klebsiella pneumoniae	EAD/F/WA	X		X	X		X		PCR/Cult
Mycoplasma pulmonis	EAD/F/B/WA	X		X	X	X	X		PCR/Sero
Pasteurella pneumotropica biotype Heyl (Rodentibacter)	EAD/F/OS/WA	X	X	X	X	X	X	X	PCR/Cult
Pasteurella pneumotropica biotype Jawetz (Rodentibacter)	EAD/F/OS/WA	X	X	X	X	X	X	X	PCR/Cult
Pneumocystis carinii	F/OS/B/WA	X	X	X	X	X	X		PCR/Sero
Proteus mirabilis	EAD/F/WA	X		X	X		X		PCR/Cult
Pseudomonas aeruginosa	EAD/F/WA	X		X	X		X		PCR/Cult
Salmonella spp	EAD/F/WA	X			X	X	X		PCR/Cult
Staphylococcus aureus	EAD/F/OS/WA	X		X	X		X		PCR/Cult
Staphylococcus xylosum*	EAD/F/WA	X			X				PCR/Cult
Streptobacillus moniliformis	EAD/F/WA	X			X	X	X		PCR/Cult
Streptococcus pneumoniae	EAD/F/OS/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group A	EAD/F/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group B	EAD/F/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group C	EAD/F/WA	X	X	X	X	X	X		PCR/Cult
Streptococcus sp. beta haemolytic Group G	EAD/F/WA	X	X	X	X	X	X		PCR/Cult

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PCR = Polymerase

Chain Reaction

Sero = Serology

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*H. typhlonius*

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