

# PCR Only Panels

- Bespoke panels & individual tests available
- Rapid and sensitive detection of microbes through Real-time PCR
- Non-invasive screening method, in line with the 3Rs
- Routine validation checks
- Comprehensive overview of rack health
- Regular screening assists in prevention & containment of pathogen spread
- Complimentary to health-screening programmes – such as EAD & SFD samples available
- Experienced team on-hand to advise on appropriate sample type for each agent
- Urgent premium service 24-hour turnaround time



Contact us at: [info@sdlab.co.uk](mailto:info@sdlab.co.uk)  
Tel: +44(0) 1483 268 300



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

DOS= Dry oral swab (for PCR only)

E = Environmental swab

EAD = Exhaust Air Dust

F = Faeces

FS = Fur swab

\* 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

SFF= Sentinel Free Filter

SSw= Skin Swab

WA = Whole animal

PCR = Polymerase Chain Reaction



		Quarterly	Quarterly SOPF	Annual	Annual SOPF	P3	
<b>Rat</b>							
<b>Viruses</b>	<b>Sample type</b>						<b>Method</b>
Adenovirus (MAD1)	EAD/SFF/F			X	X		PCR
Adenovirus (MAD2)	EAD/SFF/F			X	X		PCR
Pneumonia Virus of Mice (PVM)	EAD/SFF/DOS	X	X	X	X		PCR
Rat Coronavirus (RCV/SDAV)	EAD/SFF/DOS	X	X	X	X	X	PCR
Rat Minute Virus (RMV)	EAD/SFF/F	X	X	X	X	X	PCR
Rat Parvovirus (H1)	EAD/SFF/F	X	X	X	X	X	PCR
Rat Parvovirus (KRV)	EAD/SFF/F	X	X	X	X	X	PCR
Rat Parvovirus (RPV)	EAD/SFF/F	X	X	X	X	X	PCR
Sendai	EAD/SFF/DOS			X	X		PCR
Seoul (Hanta) Virus	EAD/SFF/F			X	X		PCR
Theiler's Murine Encephalomyelitis Virus (TMEV/RTV)	EAD/SFF/F	X	X	X	X	X	PCR
<b>Parasites</b>							
Aspiculuris tetraptera	EAD/SFF/F	X	X	X	X	X	PCR
Chilomastix spp.	EAD/SFF/F	X	X	X	X		PCR
Cryptosporidium spp	EAD/SFF/F	X	X	X	X		PCR
Entamoeba muris	EAD/SFF/F	X	X	X	X		PCR
Giardia muris	EAD/SFF/F	X	X	X	X		PCR
Mycocptes	EAD/SFF/FS	X	X	X	X		PCR
Radfordia/Myobia	EAD/SFF/FS	X	X	X	X		PCR
Spironucleus muris	EAD/SFF/F	X	X	X	X		PCR
Syphacia muris	EAD/SFF/F	X	X	X	X	X	PCR
Syphacia obvelata	EAD/SFF/F	X	X	X	X	X	PCR
Tritrichomonas muris	EAD/SFF/F	X	X	X	X		PCR
<b>Bacteria &amp; Fungi</b>							
Bordetella bronchiseptica	EAD/SFF/DOS		X		X		PCR
CAR bacillus	EAD/SFF/DOS		X	X	X		PCR
Clostridium piliforme	EAD/SFF/F	X	X	X	X		PCR
Corynebacterium bovis*	EAD/SFF/SSw						PCR
Corynebacterium kutscheri*	EAD/SFF/DOS						PCR
Helicobacter spp.**	EAD/SFF/F	X	X	X	X	X	PCR
Klebsiella oxytoca	EAD/SFF/F		X		X		PCR
Klebsiella pneumoniae	EAD/SFF/DOS		X		X		PCR
Mycoplasma pulmonis	EAD/SFF/DOS			X	X		PCR
Pasteurella pneumotropica biotype Heyl (Rodentibacter)	EAD/SFF/F/DOS	X	X	X	X	X	PCR
Pasteurella pneumotropica biotype Jawetz (Rodentibacter)	EAD/SFF/F/DOS	X	X	X	X	X	PCR
Pneumocystis carinii - Pneumocystis species	EAD/SFF/DOS			X	X		PCR
Proteus mirabilis	EAD/SFF/F		X		X		PCR
Pseudomonas aeruginosa	EAD/SFF/F/DOS		X		X		PCR
Salmonella spp	EAD/SFF/F			X	X		PCR
Staphylococcus aureus	EAD/SFF/DOS		X		X		PCR
Staphylococcus xylosum*	EAD/SFF/DOS						PCR
Streptobacillus moniliformis	EAD/SFF/F/DOS			X	X		PCR
Streptococcus pneumoniae	EAD/SFF/DOS	X	X	X	X		PCR
Streptococcus sp. beta haemolytic Group A	EAD/SFF/DOS	X	X	X	X		PCR
Streptococcus sp. beta haemolytic Group B	EAD/SFF/DOS	X	X	X	X		PCR
Streptococcus sp. beta haemolytic Group C	EAD/SFF/DOS	X	X	X	X		PCR
Streptococcus sp. beta haemolytic Group G	EAD/SFF/DOS	X	X	X	X		PCR

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