

Health Monitoring Report Based on FELASA Recommendations



Envigo RMS (UK-Hillcrest) Ltd
Hillcrest
Dodgeford Lane
Belton
LE12 9TE
UK

Location and Strain
UK ISO C57BL/6-Tyrc

Species
Mouse

Report Date
July 19, 2024

Submission Date
July 02, 2024

Mouse Strains Held

Mutant Mice

C57BL/6BrdCrHsd-Tyrc

Summary of Findings

No significant findings.

Serological testing for antibodies to pathogenic agents in immunodeficient mice is not appropriate because of a lack of a fully functioning immune system in these mice. The serology results for the mice held in these isolators are obtained using sentinel animals.

Report Reference: 24-1662, Report Printed: July 19, 2024

Data are expressed as number positive/number tested. *Cumulative data up to 18 months.

All testing is performed by Envigo using standard operating procedures.

Results are controlled through a secure LIMS and released on the approval of the Laboratory Services Manager.

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Facility	Location and Strain				Species	
Envigo RMS (UK-Hillcrest) Ltd	UK ISO C57BL/6-Tyrc				Mouse	
Viruses	Test Frequency	Latest Test Date	Latest Results	Testing Laboratory	Test Method	Historical Results*
Ectromelia virus	6 months	06.03.24	0/8	UK	Bead	0/24
Hantavirus	12 months	05.09.23	0/8	UK	Bead	0/8
Lactate dehydrogenase elevating virus	12 months	05.09.23	0/8	UK	ELISA	0/8
Lymphocytic choriomeningitis virus	6 months	06.03.24	0/8	UK	Bead	0/24
Minute virus of mice	2 months	02.07.24	0/20	UK	RT-PCR	0/164
Mouse adenovirus type 1 (MAd FL)	6 months	06.03.24	0/8	UK	Bead	0/24
Mouse adenovirus type 2 (MAd K87)	6 months	06.03.24	0/8	UK	Bead	0/24
Mouse cytomegalovirus	12 months	05.09.23	0/8	UK	Bead	0/8
Mouse hepatitis virus	2 months	02.07.24	0/20	UK	RT-PCR	0/164
Mouse K-virus	12 months	05.09.23	0/8	UK	ELISA	0/8
Mouse Norovirus	2 months	02.07.24	0/20	UK	RT-PCR	0/164
Mouse parvovirus	2 months	02.07.24	0/20	UK	RT-PCR	0/164
Mouse polyoma virus	12 months	05.09.23	0/8	UK	ELISA	0/8
Mouse rotavirus (EDIM)	2 months	02.07.24	0/20	UK	RT-PCR	0/164
Mouse thymic virus	12 months	05.09.23	0/8	UK	IFA	0/8
Pneumonia virus of mice	6 months	06.03.24	0/8	UK	Bead	0/24
Reovirus type 3 (Reo 3)	6 months	06.03.24	0/8	UK	Bead	0/24
Sendai Virus	6 months	06.03.24	0/8	UK	Bead	0/24
Theiler's murine encephalomyelitis	2 months	02.07.24	0/20	UK	RT-PCR	0/164
Bacteria, Mycoplasma and Fungi						
CAR Bacillus	12 months	05.09.23	0/8	UK	ELISA	0/8
<i>Citrobacter rodentium</i>	6 months	06.03.24	0/8	UK	Culture	0/32
<i>Clostridium piliforme</i>	6 months	06.03.24	0/8	UK	Bead	0/24
<i>Corynebacterium kutscheri</i>	6 months	06.03.24	0/8	UK	Culture	0/32
<i>Helicobacter</i> spp	2 months	02.07.24	0/40	UK	RT-PCR	0/328
<i>Hyperkeratinosis Associated Corynebacterium</i> spp	2 months	02.07.24	0/20	UK	RT-PCR	0/172
<i>Klebsiella oxytoca</i>	2 months	02.07.24	0/40	UK	Culture	0/328
<i>Klebsiella pneumoniae</i>	2 months	02.07.24	0/40	UK	Culture	0/328
<i>Mycoplasma pulmonis</i>	6 months	06.03.24	0/8	UK	Bead	0/24
<i>Pasteurella multocida</i>	2 months	02.07.24	0/40	UK	RT-PCR	0/328
<i>Pasteurella pneumotropica</i>	2 months	02.07.24	0/40	UK	RT-PCR	0/328
<i>Pneumocystis murina</i>	6 months	06.03.24	0/8	UK	RT-PCR	0/32
<i>Proteus</i> spp	2 months	02.07.24	0/40	UK	Culture	0/328
<i>Pseudomonas aeruginosa</i>	2 months	02.07.24	0/40	UK	Culture	0/328
<i>Salmonella</i> spp	6 months	06.03.24	0/8	UK	Culture	0/32
<i>Staphylococcus aureus</i>	2 months	02.07.24	0/40	UK	Culture	0/328
<i>Streptobacillus moniliformis</i>	6 months	06.03.24	0/8	UK	RT-PCR	0/32
Streptococci Beta-haemolytic (not group D)	2 months	02.07.24	0/40	UK	Culture	0/328
<i>Streptococcus pneumoniae</i>	2 months	02.07.24	0/40	UK	Culture	0/328
Parasites						
Ectoparasites	2 months	02.07.24	0/40	UK	RT-PCR	0/328
<i>Encephalitozoon cuniculi</i>	12 months	05.09.23	0/8	UK	ELISA	0/8
Endoparasites	2 months	02.07.24	0/40	UK	RT-PCR	0/328
Pathological Lesions						
External	6 months	06.03.24	0/16	UK	Pathology	0/48
Necropsy	6 months	06.03.24	0/16	UK	Pathology	0/48

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