

Health Monitoring Report Based on FELASA Recommendations



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Location and Strain
EFR ISO NOD.CB17

Species
Mouse

Report Date
May 08, 2023

Submission Date
May 03, 2023

Mouse Strains Held

Mutant Mice

NOD.CB17-*Prkdc*^{scid} /NCrHsd

Sentinel (Outbred) Mice

Hsd:NIHBS

Summary of Findings

No significant findings.

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

Report Reference: 23-6405, Report Printed: May 08, 2023

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 S.A.R.L.	EFR ISO NOD.CB17				Mouse	
Viruses	Test Frequency	Latest Test Date	Latest Results	Testing Laboratory	Test Method	Historical Results*
Ectromelia virus	6 months	08.03.23	0/6	Italy	Bead	0/18
Hantavirus	12 months	06.09.22	0/6	Italy	Bead	0/6
Lactate dehydrogenase elevating virus	12 months	06.09.22	0/6	Italy	ELISA	0/6
Lymphocytic choriomeningitis virus	6 months	08.03.23	0/6	Italy	Bead	0/18
Minute virus of mice	2 months	03.05.23	0/1	Italy	RT-PCR	0/31
Mouse adenovirus type 1 (MAd FL)	6 months	08.03.23	0/6	Italy	Bead	0/18
Mouse adenovirus type 2 (MAd K87)	6 months	08.03.23	0/6	Italy	Bead	0/18
Mouse cytomegalovirus	12 months	06.09.22	0/6	Italy	Bead	0/6
Mouse hepatitis virus	2 months	03.05.23	0/1	Italy	RT-PCR	0/31
Mouse K-virus	12 months	06.09.22	0/6	Italy	ELISA	0/6
Mouse Norovirus	2 months	03.05.23	0/1	Italy	RT-PCR	0/31
Mouse parvovirus	2 months	03.05.23	0/1	Italy	RT-PCR	0/31
Mouse polyoma virus	12 months	06.09.22	0/6	Italy	ELISA	0/6
Mouse rotavirus (EDIM)	2 months	03.05.23	0/1	Italy	RT-PCR	0/31
Mouse thymic virus	12 months	06.09.22	0/6	Italy	IFA	0/6
Pneumonia virus of mice	6 months	08.03.23	0/6	Italy	Bead	0/18
Reovirus type 3 (Reo 3)	6 months	08.03.23	0/6	Italy	Bead	0/18
Sendai Virus	6 months	08.03.23	0/6	Italy	Bead	0/18
Theiler's murine encephalomyelitis	2 months	03.05.23	0/1	Italy	RT-PCR	0/31
Bacteria, Mycoplasma and Fungi						
CAR Bacillus	12 months	06.09.22	0/6	Italy	ELISA	0/6
<i>Citrobacter rodentium</i>	6 months	08.03.23	0/6	Italy	Culture	0/18
<i>Clostridium piliforme</i>	6 months	08.03.23	0/6	Italy	Bead	0/18
<i>Corynebacterium kutscheri</i>	6 months	08.03.23	0/6	Italy	Culture	0/18
<i>Helicobacter</i> spp	2 months	03.05.23	0/10	Italy	RT-PCR	0/160
<i>Hyperkeratinosis Associated Corynebacterium</i> spp	2 months	03.05.23	0/9	Italy	RT-PCR	0/135
<i>Klebsiella oxytoca</i>	2 months	03.05.23	0/10	Italy	Culture	0/160
<i>Klebsiella pneumoniae</i>	2 months	03.05.23	0/10	Italy	Culture	0/160
<i>Mycoplasma pulmonis</i>	6 months	08.03.23	0/6	Italy	Bead	0/18
<i>Pasteurella multocida</i>	2 months	03.05.23	0/10	Italy	RT-PCR	0/160
<i>Pasteurella pneumotropica</i>	2 months	03.05.23	0/10	Italy	RT-PCR	0/160
<i>Pneumocystis murina</i>	6 months	08.03.23	0/6	Italy	RT-PCR	0/18
<i>Proteus</i> spp	2 months	03.05.23	0/10	Italy	Culture	0/160
<i>Pseudomonas aeruginosa</i>	2 months	03.05.23	0/10	Italy	Culture	0/160
<i>Salmonella</i> spp	6 months	08.03.23	0/6	Italy	Culture	0/18
<i>Staphylococcus aureus</i>	2 months	03.05.23	0/10	Italy	Culture	0/160
<i>Streptobacillus moniliformis</i>	6 months	08.03.23	0/6	Italy	RT-PCR	0/18
Streptococci Beta-haemolytic (not group D)	2 months	03.05.23	0/10	Italy	Culture	0/160
<i>Streptococcus pneumoniae</i>	2 months	03.05.23	0/10	Italy	Culture	0/160
Parasites						
Ectoparasites	2 months	03.05.23	0/10	Italy	RT-PCR	0/160
<i>Encephalitozoon cuniculi</i>	12 months	06.09.22	0/6	Italy	ELISA	0/6
Endoparasites	2 months	03.05.23	0/10	Italy	RT-PCR	0/160
Pathological Lesions						
External	6 months	08.03.23	0/12	Italy	Pathology	0/30
Necropsy	6 months	08.03.23	0/12	Italy	Pathology	0/30

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