

Health Monitoring Report Based on FELASA Recommendations



Envigo RMS S.A.R.L.
Z.I. Le Malcourlet-RN9
B.P. 80
03800 Gannat
France

Location and Strain
France ISO B-NDG

Species
Mouse

Report Date
July 07, 2020

Submission Date
July 01, 2020

Mouse Strains Held

Mutant Mice

NOD.CB17-*Prkdc^{scid}//2rg^{tm1}/BcgenHsd*

Sentinel (Outbred) Mice

Hsd:NIHBS

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.

Due to the COVID-19 pandemic, live animals have not been used for testing. Instead, fecal samples have been used for testing by RT-PCR and culture. Pathological lesions could not be investigated and these results have not been updated bi-monthly as usual

Report Reference: 20-0539, Report Printed: July 07, 2020

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

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Facility	Location and Strain			Species		
Envigo RMS S.A.R.L.	France ISO B-NDG			Mouse		
Viruses	Test Frequency	Latest Test Date	Latest Results	Testing Laboratory	Test Method	Historical Results*
Ectromelia virus	6 months	04.03.20	0/3	Italy	Bead	0/6
Hantavirus	12 months	04.03.20	0/3	Italy	Bead	0/6
Lactate dehydrogenase elevating virus	12 months	04.03.20	0/3	Italy	ELISA	0/6
Lymphocytic choriomeningitis virus	6 months	04.03.20	0/3	Italy	Bead	0/6
Minute virus of mice	2 months	01.07.20	0/1	Italy	RT-PCR	0/13
Mouse adenovirus type 1 (MAd FL)	6 months	04.03.20	0/3	Italy	Bead	0/6
Mouse adenovirus type 2 (MAd K87)	6 months	04.03.20	0/3	Italy	Bead	0/6
Mouse cytomegalovirus	12 months	04.03.20	0/3	Italy	Bead	0/6
Mouse hepatitis virus	2 months	01.07.20	0/1	Italy	RT-PCR	0/13
Mouse K-virus	12 months	04.03.20	0/3	Italy	ELISA	0/6
Mouse Norovirus	2 months	01.07.20	0/1	Italy	RT-PCR	0/13
Mouse parvovirus	2 months	01.07.20	0/1	Italy	RT-PCR	0/13
Mouse polyoma virus	12 months	04.03.20	0/3	Italy	ELISA	0/6
Mouse rotavirus (EDIM)	2 months	01.07.20	0/1	Italy	RT-PCR	0/13
Mouse thymic virus	12 months	04.03.20	0/3	Italy	IFA	0/6
Pneumonia virus of mice	6 months	04.03.20	0/3	Italy	Bead	0/6
Reovirus type 3 (Reo 3)	6 months	04.03.20	0/3	Italy	Bead	0/6
Sendai Virus	6 months	04.03.20	0/3	Italy	Bead	0/6
Theiler's murine encephalomyelitis	2 months	01.07.20	0/1	Italy	RT-PCR	0/13
Bacteria, Mycoplasma and Fungi						
CAR Bacillus	12 months	04.03.20	0/3	Italy	ELISA	0/6
<i>Citrobacter rodentium</i>	6 months	04.03.20	0/3	Italy	Culture	0/6
<i>Clostridium piliforme</i>	6 months	04.03.20	0/3	Italy	Bead	0/6
<i>Corynebacterium kutscheri</i>	6 months	04.03.20	0/3	Italy	Culture	0/6
<i>Helicobacter</i> spp	2 months	01.07.20	0/10	Italy	RT-PCR	0/31
<i>Hyperkeratinosis Associated Corynebacterium</i> spp	2 months	01.07.20	0/9	Italy	RT-PCR	0/18
<i>Klebsiella oxytoca</i>	2 months	01.07.20	0/10	Italy	Culture	0/37
<i>Klebsiella pneumoniae</i>	2 months	01.07.20	0/10	Italy	Culture	0/37
<i>Mycoplasma pulmonis</i>	6 months	04.03.20	0/3	Italy	Bead	0/6
<i>Pasteurella multocida</i>	2 months	01.07.20	0/10	Italy	RT-PCR	0/31
<i>Pasteurella pneumotropica</i>	2 months	01.07.20	0/10	Italy	RT-PCR	0/31
<i>Pneumocystis murina</i>	6 months	04.03.20	0/3	Italy	RT-PCR	0/6
<i>Proteus</i> spp	2 months	01.07.20	0/10	Italy	Culture	0/37
<i>Pseudomonas aeruginosa</i>	2 months	01.07.20	0/10	Italy	Culture	0/37
<i>Salmonella</i> spp	6 months	04.03.20	0/3	Italy	Culture	0/6
<i>Staphylococcus aureus</i>	2 months	01.07.20	0/10	Italy	Culture	0/37
<i>Streptobacillus moniliformis</i>	6 months	04.03.20	0/3	Italy	Culture	0/6
Streptococci Beta-haemolytic (not group D)	2 months	01.07.20	0/10	Italy	Culture	0/37
<i>Streptococcus pneumoniae</i>	2 months	01.07.20	0/10	Italy	Culture	0/31
Parasites						
Ectoparasites	2 months	01.07.20	0/10	Italy	RT-PCR	0/31
<i>Encephalitozoon cuniculi</i>	12 months	04.03.20	0/3	Italy	ELISA	0/6
Endoparasites	2 months	01.07.20	0/10	Italy	RT-PCR	0/31
Pathological Lesions						
External	2 months	04.03.20	0/6	Italy	Pathology	0/12
Necropsy	2 months	04.03.20	0/6	Italy	Pathology	0/12

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