

Health Monitoring Report Based on FELASA Recommendations



Envigo RMS B.V.
Kreuzelweg 53
5961 NM Horst
Reg. no. TVWA/09/11452
Netherlands

Location and Strain
B3 ISO B-NDG B2mKO

Species
Mouse

Report Date
September 10, 2024

Submission Date
September 10, 2024

Mouse Strains Held

Mutant Mice

NOD.CB17-Prkdc^{scid}Il2rg^{tm1}B2m^{tm1}Fcgrt^{tm1(B2m)}/Bcgen

Sentinel (Outbred) Mice

Hsd:NIHBS

Full isolators including animals have been transferred to the new location, resulting in a new report. Historical information remains available on request.

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: 24-2313, Report Printed: September 10, 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 B.V.	B3 ISO B-NDG B2mKO				Mouse	
Viruses	Test Frequency	Latest Test Date	Latest Results	Testing Laboratory	Test Method	Historical Results*
Ectromelia virus	6 months	04.09.24	0/3	Italy	Bead	0/13
Hantavirus	12 months	04.09.24	0/3	Italy	Bead	0/10
Lactate dehydrogenase elevating virus	12 months	04.09.24	0/3	Italy	ELISA	0/10
Lymphocytic choriomeningitis virus	6 months	04.09.24	0/3	Italy	Bead	0/13
Minute virus of mice	2 months	04.09.24	0/3	Italy	Bead	0/27
Mouse adenovirus type 1 (MAd FL)	6 months	04.09.24	0/3	Italy	Bead	0/13
Mouse adenovirus type 2 (MAd K87)	6 months	04.09.24	0/3	Italy	Bead	0/13
Mouse cytomegalovirus	12 months	04.09.24	0/3	Italy	Bead	0/10
Mouse hepatitis virus	2 months	04.09.24	0/3	Italy	Bead	0/27
Mouse K-virus	12 months	04.09.24	0/3	Italy	ELISA	0/10
Mouse Norovirus	2 months	04.09.24	0/3	Italy	Bead	0/27
Mouse parvovirus	2 months	04.09.24	0/3	Italy	Bead	0/27
Mouse polyoma virus	12 months	04.09.24	0/3	Italy	ELISA	0/10
Mouse rotavirus (EDIM)	2 months	04.09.24	0/3	Italy	Bead	0/27
Mouse thymic virus	12 months	04.09.24	0/3	Italy	IFA	0/10
Pneumonia virus of mice	6 months	04.09.24	0/3	Italy	Bead	0/13
Reovirus type 3 (Reo 3)	6 months	04.09.24	0/3	Italy	Bead	0/13
Sendai Virus	6 months	04.09.24	0/3	Italy	Bead	0/13
Theiler's murine encephalomyelitis	2 months	04.09.24	0/3	Italy	Bead	0/27
Bacteria, Mycoplasma and Fungi						
CAR Bacillus	12 months	04.09.24	0/3	Italy	ELISA	0/10
<i>Citrobacter rodentium</i>	6 months	04.09.24	0/6	Italy	Culture	0/21
<i>Clostridium piliforme</i>	6 months	04.09.24	0/3	Italy	Bead	0/13
<i>Corynebacterium kutscheri</i>	6 months	04.09.24	0/6	Italy	Culture	0/21
<i>Helicobacter</i> spp	2 months	04.09.24	0/6	Italy	RT-PCR	0/74
<i>Hyperkeratinosis Associated Corynebacterium</i> spp	2 months	04.09.24	0/6	Italy	RT-PCR	0/67
<i>Klebsiella oxytoca</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Klebsiella pneumoniae</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Mycoplasma pulmonis</i>	6 months	04.09.24	0/3	Italy	Bead	0/13
<i>Pasteurella multocida</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Pasteurella pneumotropica</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Pneumocystis murina</i>	6 months	04.09.24	0/6	Italy	RT-PCR	0/21
<i>Proteus</i> spp	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Pseudomonas aeruginosa</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Salmonella</i> spp	6 months	04.09.24	0/6	Italy	Culture	0/21
<i>Staphylococcus aureus</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Streptobacillus moniliformis</i>	6 months	04.09.24	0/6	Italy	RT-PCR	0/21
Streptococci Beta-haemolytic (not group D)	2 months	04.09.24	0/6	Italy	Culture	0/74
<i>Streptococcus pneumoniae</i>	2 months	04.09.24	0/6	Italy	Culture	0/74
Parasites						
Ectoparasites	2 months	04.09.24	0/6	Italy	Microscopy	0/74
<i>Encephalitozoon cuniculi</i>	12 months	04.09.24	0/3	Italy	ELISA	0/10
Endoparasites	2 months	04.09.24	0/6	Italy	Microscopy	0/74
Pathological Lesions						
External	6 months	04.09.24	0/6	Italy	Pathology	0/15
Necropsy	6 months	04.09.24	0/6	Italy	Pathology	0/15

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