

# 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**  
EFR ISO B-NDG B2m KO

**Species**  
Mouse

**Report Date**  
March 15, 2023

**Submission Date**  
March 08, 2023

## Mouse Strains Held

### Sentinel (Outbred) Mice

NOD.CB17-Prkdc<sup>scid</sup>Il2rg<sup>tm1</sup>B2m<sup>tm1</sup>Fcgrt<sup>tm1(B2m)</sup>/Bcgen

### 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.

**Report Reference: 23-5442, Report Printed: March 15, 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.

Envigo + Phone:+44 (0)1530 225157 + Fax:+44 (0)1530 222807 + [rmstechnicalservices.eu@envigo.com](mailto:rmstechnicalservices.eu@envigo.com) + [envigo.com](http://envigo.com)

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Facility	Location and Strain				Species	
Envigo RMS S.A.R.L.	EFR ISO B-NDG B2m KO				Mouse	
Viruses	Test Frequency	Latest Test Date	Latest Results	Testing Laboratory	Test Method	Historical Results*
Ectromelia virus	6 months	08.03.23	0/3	Italy	Bead	0/29
Hantavirus	12 months	06.09.22	0/3	Italy	Bead	0/23
Lactate dehydrogenase elevating virus	12 months	06.09.22	0/3	Italy	ELISA	0/23
Lymphocytic choriomeningitis virus	6 months	08.03.23	0/3	Italy	Bead	0/29
Minute virus of mice	2 months	08.03.23	0/3	Italy	Bead	0/33
Mouse adenovirus type 1 (MAd FL)	6 months	08.03.23	0/3	Italy	Bead	0/29
Mouse adenovirus type 2 (MAd K87)	6 months	08.03.23	0/3	Italy	Bead	0/29
Mouse cytomegalovirus	12 months	06.09.22	0/3	Italy	Bead	0/23
Mouse hepatitis virus	2 months	08.03.23	0/3	Italy	Bead	0/33
Mouse K-virus	12 months	06.09.22	0/3	Italy	ELISA	0/23
Mouse Norovirus	2 months	08.03.23	0/3	Italy	Bead	0/33
Mouse parvovirus	2 months	08.03.23	0/3	Italy	Bead	0/33
Mouse polyoma virus	12 months	06.09.22	0/3	Italy	ELISA	0/23
Mouse rotavirus (EDIM)	2 months	08.03.23	0/3	Italy	Bead	0/33
Mouse thymic virus	12 months	06.09.22	0/3	Italy	IFA	0/23
Pneumonia virus of mice	6 months	08.03.23	0/3	Italy	Bead	0/29
Reovirus type 3 (Reo 3)	6 months	08.03.23	0/3	Italy	Bead	0/29
Sendai Virus	6 months	08.03.23	0/3	Italy	Bead	0/29
Theiler's murine encephalomyelitis	2 months	08.03.23	0/3	Italy	Bead	0/33
Bacteria, Mycoplasma and Fungi						
CAR Bacillus	12 months	06.09.22	0/3	Italy	ELISA	0/23
<i>Citrobacter rodentium</i>	6 months	08.03.23	0/3	Italy	Culture	0/32
<i>Clostridium piliforme</i>	6 months	08.03.23	0/3	Italy	Bead	0/29
<i>Corynebacterium kutscheri</i>	6 months	08.03.23	0/3	Italy	Culture	0/32
<i>Helicobacter</i> spp	2 months	08.03.23	0/6	Italy	RT-PCR	0/78
<i>Hyperkeratinosis Associated Corynebacterium</i> spp	2 months	08.03.23	0/3	Italy	RT-PCR	0/68
<i>Klebsiella oxytoca</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Klebsiella pneumoniae</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Mycoplasma pulmonis</i>	6 months	08.03.23	0/3	Italy	Bead	0/29
<i>Pasteurella multocida</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Pasteurella pneumotropica</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Pneumocystis murina</i>	6 months	08.03.23	0/3	Italy	RT-PCR	0/32
<i>Proteus</i> spp	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Pseudomonas aeruginosa</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Salmonella</i> spp	6 months	08.03.23	0/3	Italy	Culture	0/32
<i>Staphylococcus aureus</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Streptobacillus moniliformis</i>	6 months	08.03.23	0/3	Italy	RT-PCR	0/32
Streptococci Beta-haemolytic (not group D)	2 months	08.03.23	0/6	Italy	Culture	0/78
<i>Streptococcus pneumoniae</i>	2 months	08.03.23	0/6	Italy	Culture	0/78
Parasites						
Ectoparasites	2 months	08.03.23	0/6	Italy	Microscopy	0/78
<i>Encephalitozoon cuniculi</i>	12 months	06.09.22	0/3	Italy	ELISA	0/23
Endoparasites	2 months	08.03.23	0/6	Italy	Microscopy	0/78
Pathological Lesions						
External	6 months	08.03.23	0/6	Italy	Pathology	0/18
Necropsy	6 months	08.03.23	0/6	Italy	Pathology	0/18

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