

# Health Monitoring Report Based on FELASA Recommendations



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**Location and Strain**  
France ISO Isolator 103

**Species**  
Mouse

**Report Date**  
July 07, 2020

**Submission Date**  
July 01, 2020

## Mouse Strains Held

### Transgenic Mice

B6;129-*Rag2<sup>tm1Fwa</sup>//2rg<sup>tm1Rsky</sup>/DwlHsd*

### 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: 20-0535, 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 Isolator 103				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	0/9
Hantavirus	12 months	04.09.19	0/3	Italy	Bead	0/3
Lactate dehydrogenase elevating virus	12 months	04.09.19	0/3	Italy	ELISA	0/3
Lymphocytic choriomeningitis virus	6 months	04.03.20	0/3	Italy	Bead	0/9
Minute virus of mice	2 months	01.07.20	0/1	Italy	RT-PCR	0/31
Mouse adenovirus type 1 (MAd FL)	6 months	04.03.20	0/3	Italy	Bead	0/9
Mouse adenovirus type 2 (MAd K87)	6 months	04.03.20	0/3	Italy	Bead	0/9
Mouse cytomegalovirus	12 months	04.09.19	0/3	Italy	Bead	0/3
Mouse hepatitis virus	2 months	01.07.20	0/1	Italy	RT-PCR	0/31
Mouse K-virus	12 months	04.09.19	0/3	Italy	ELISA	0/3
Mouse Norovirus	2 months	01.07.20	0/1	Italy	RT-PCR	0/31
Mouse parvovirus	2 months	01.07.20	0/1	Italy	RT-PCR	0/31
Mouse polyoma virus	12 months	04.09.19	0/3	Italy	ELISA	0/3
Mouse rotavirus (EDIM)	2 months	01.07.20	0/1	Italy	RT-PCR	0/31
Mouse thymic virus	12 months	04.09.19	0/3	Italy	IFA	0/3
Pneumonia virus of mice	6 months	04.03.20	0/3	Italy	Bead	0/9
Reovirus type 3 (Reo 3)	6 months	04.03.20	0/3	Italy	Bead	0/9
Sendai Virus	6 months	04.03.20	0/3	Italy	Bead	0/9
Theiler's murine encephalomyelitis	2 months	01.07.20	0/1	Italy	RT-PCR	0/31
Bacteria, Mycoplasma and Fungi						
CAR Bacillus	12 months	04.09.19	0/3	Italy	ELISA	0/3
<i>Citrobacter rodentium</i>	6 months	04.03.20	0/3	Italy	Culture	0/9
<i>Clostridium piliforme</i>	6 months	04.03.20	0/3	Italy	Bead	0/9
<i>Corynebacterium kutscheri</i>	6 months	04.03.20	0/3	Italy	Culture	0/9
<i>Helicobacter</i> spp	2 months	01.07.20	0/10	Italy	RT-PCR	0/67
<i>Hyperkeratinosis Associated Corynebacterium</i> spp	2 months	01.07.20	0/9	Italy	RT-PCR	0/36
<i>Klebsiella oxytoca</i>	2 months	01.07.20	0/10	Italy	Culture	0/67
<i>Klebsiella pneumoniae</i>	2 months	01.07.20	0/10	Italy	Culture	0/67
<i>Mycoplasma pulmonis</i>	6 months	04.03.20	0/3	Italy	Bead	0/9
<i>Pasteurella multocida</i>	2 months	01.07.20	0/10	Italy	RT-PCR	0/67
<i>Pasteurella pneumotropica</i>	2 months	01.07.20	0/10	Italy	RT-PCR	0/67
<i>Pneumocystis murina</i>	6 months	04.03.20	0/3	Italy	RT-PCR	0/9
<i>Proteus</i> spp	2 months	01.07.20	0/10	Italy	Culture	0/67
<i>Pseudomonas aeruginosa</i>	2 months	01.07.20	0/10	Italy	Culture	0/67
<i>Salmonella</i> spp	6 months	04.03.20	0/3	Italy	Culture	0/9
<i>Staphylococcus aureus</i>	2 months	01.07.20	0/10	Italy	Culture	0/67
<i>Streptobacillus moniliformis</i>	6 months	04.03.20	0/3	Italy	Culture	0/9
Streptococci Beta-haemolytic (not group D)	2 months	01.07.20	0/10	Italy	Culture	0/67
<i>Streptococcus pneumoniae</i>	2 months	01.07.20	0/10	Italy	Culture	0/67
Parasites						
Ectoparasites	2 months	01.07.20	0/10	Italy	RT-PCR	0/67
<i>Encephalitozoon cuniculi</i>	12 months	04.09.19	0/3	Italy	ELISA	0/3
Endoparasites	2 months	01.07.20	0/10	Italy	RT-PCR	0/67
Pathological Lesions						
External	2 months	04.03.20	0/6	Italy	Pathology	0/48
Necropsy	2 months	04.03.20	0/6	Italy	Pathology	0/48

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