

Health Monitoring Report Based on FELASA Recommendations



Envigo RMS (UK-Hillcrest) Ltd
Hillcrest
Dodgeford Lane
Belton
LE12 9TE
UK

Location and Strain
UK ISO B-NDG - hIL15

Species
Mouse

Report Date
April 13, 2023

Submission Date
April 03, 2023

Mouse Strains Held

Mutant Mice

NOD.CB17-*Prkdc*^{scid}//2rg^{tm1}//15^{tm1(IL15)}/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.

Report Reference: 23-5829, Report Printed: April 13, 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 (UK-Hillcrest) Ltd | UK ISO B-NDG - hIL15 | | | Mouse | | |
| Viruses | Test Frequency | Latest Test Date | Latest Results | Testing Laboratory | Test Method | Historical Results* |
| Ectromelia virus | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Hantavirus | 12 months | 01.08.22 | 0/8 | UK | Bead | 0/20 |
| Lactate dehydrogenase elevating virus | 12 months | 01.08.22 | 0/8 | UK | ELISA | 0/20 |
| Lymphocytic choriomeningitis virus | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Minute virus of mice | 2 months | 03.04.23 | 0/2 | UK | RT-PCR | 0/38 |
| Mouse adenovirus type 1 (MAd FL) | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Mouse adenovirus type 2 (MAd K87) | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Mouse cytomegalovirus | 12 months | 01.08.22 | 0/8 | UK | Bead | 0/20 |
| Mouse hepatitis virus | 2 months | 03.04.23 | 0/2 | UK | RT-PCR | 0/38 |
| Mouse K-virus | 12 months | 01.08.22 | 0/8 | UK | ELISA | 0/20 |
| Mouse Norovirus | 2 months | 03.04.23 | 0/2 | UK | RT-PCR | 0/38 |
| Mouse parvovirus | 2 months | 03.04.23 | 0/2 | UK | RT-PCR | 0/38 |
| Mouse polyoma virus | 12 months | 01.08.22 | 0/8 | UK | ELISA | 0/20 |
| Mouse rotavirus (EDIM) | 2 months | 03.04.23 | 0/2 | UK | RT-PCR | 0/38 |
| Mouse thymic virus | 12 months | 01.08.22 | 0/8 | UK | IFA | 0/20 |
| Pneumonia virus of mice | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Reovirus type 3 (Reo 3) | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Sendai Virus | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| Theiler's murine encephalomyelitis | 2 months | 03.04.23 | 0/2 | UK | RT-PCR | 0/38 |
| Bacteria, Mycoplasma and Fungi | | | | | | |
| CAR Bacillus | 12 months | 01.08.22 | 0/8 | UK | ELISA | 0/20 |
| <i>Citrobacter rodentium</i> | 6 months | 01.02.23 | 0/4 | UK | Culture | 0/38 |
| <i>Clostridium piliforme</i> | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| <i>Corynebacterium kutscheri</i> | 6 months | 01.02.23 | 0/4 | UK | Culture | 0/38 |
| <i>Helicobacter</i> spp | 2 months | 03.04.23 | 0/20 | UK | RT-PCR | 0/188 |
| <i>Hyperkeratinosis Associated Corynebacterium</i> spp | 2 months | 03.04.23 | 0/18 | UK | RT-PCR | 0/164 |
| <i>Klebsiella oxytoca</i> | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| <i>Klebsiella pneumoniae</i> | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| <i>Mycoplasma pulmonis</i> | 6 months | 01.02.23 | 0/4 | UK | Bead | 0/24 |
| <i>Pasteurella multocida</i> | 2 months | 03.04.23 | 0/20 | UK | RT-PCR | 0/188 |
| <i>Pasteurella pneumotropica</i> | 2 months | 03.04.23 | 0/20 | UK | RT-PCR | 0/188 |
| <i>Pneumocystis murina</i> | 6 months | 01.02.23 | 0/4 | UK | RT-PCR | 0/38 |
| <i>Proteus</i> spp | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| <i>Pseudomonas aeruginosa</i> | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| <i>Salmonella</i> spp | 6 months | 01.02.23 | 0/4 | UK | Culture | 0/38 |
| <i>Staphylococcus aureus</i> | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| <i>Streptobacillus moniliformis</i> | 6 months | 01.02.23 | 0/4 | UK | RT-PCR | 0/38 |
| Streptococci Beta-haemolytic (not group D) | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| <i>Streptococcus pneumoniae</i> | 2 months | 03.04.23 | 0/20 | UK | Culture | 0/188 |
| Parasites | | | | | | |
| Ectoparasites | 2 months | 03.04.23 | 0/20 | UK | RT-PCR | 0/188 |
| <i>Encephalitozoon cuniculi</i> | 12 months | 01.08.22 | 0/8 | UK | ELISA | 0/20 |
| Endoparasites | 2 months | 03.04.23 | 0/20 | UK | RT-PCR | 0/188 |
| Pathological Lesions | | | | | | |
| External | 6 months | 01.02.23 | 0/8 | UK | Pathology | 0/48 |
| Necropsy | 6 months | 01.02.23 | 0/8 | UK | Pathology | 0/48 |

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