

InVivos Pte Ltd- Health Report

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|--------------------------------------|---------------------------------|--|--|
| Production site: | InVivos | Date of Report: | 27 Nov 2024 |
| Address: | 9 Perahu Road, Singapore 718793 | Species: | Mice: 6 strains (as specified below) |
| Health report Group: | BBR 04 | Transferred from: | Jackson Laboratory |
| Date Location First Occupied: | 26 Jan 2015 | Animal strains/Stock: | C57BL/JInv, NSG, K18-hACE2, J:NUInv, CB17 SCID/JInv, NOD SCID/JInv |
| Taconic Health Standard: | Restricted Flora (RF) | Other Housed Species/Strain in the Same Room: | NA |

Viruses

| Target Organism | Test Frequency | Testing Laboratory | Test Method | Latest Test Date | Latest Result #positive / #tested | 2024 Cumulative Results #positive/ #tested | 2023 Cumulative Results #positive/ #tested |
|--|----------------|--------------------|-------------|------------------|-----------------------------------|--|--|
| Mouse Hepatitis Virus (MHV) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Mouse Minute [parvo] Virus (MMV) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Mouse Parvovirus (MPV) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Mouse Rotavirus (EDIM) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Encephalomyelitis Virus (GD7) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Pneumonia Virus of Mice (PVM) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Murine Norovirus (MNV) | Monthly | IDEXX BioAnalytics | MFI | 19 Nov 2024 | 0/8 | 0/88 | 0/99 |
| Sendai Virus | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Lymphocytic Choriomeningitis Virus (LCM) | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Ectromelia Virus | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Hantaan Virus | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Mouse Adenovirus (FL) (MAV 1) | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Mouse Adenovirus (K87) (MAV 2) | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Mouse Cytomegalovirus (MCMV) | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Respiratory Enteric Virus III (REO 3) | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Polyoma Virus | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| K Virus | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Thymic Virus | Semiannually | IDEXX BioAnalytics | IFA | 25 Sep 2024 | 0/8 | 0/16 | 0/8 |
| Lactic Dehydrogenase Elevating Virus (LDHV) | Annually | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/8 | 0/8 |

Bacteria, Mycoplasma and Fungi

| Target Organism | Test Frequency | Testing Laboratory | Test Method | Latest Test Date | Latest Result #positive / #tested | 2024 Cumulative Results #positive/ #tested | 2023 Cumulative Results #positive/ #tested |
|--|----------------|--------------------|-------------|------------------|-----------------------------------|--|--|
| Beta hemolytic Streptococcus | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Bordetella bronchiseptica | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Citrobacter rodentium | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Clostridium piliforme | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Corynebacterium kutscheri | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Corynebacterium bovis | Quarterly | IDEXX BioAnalytics | PCR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Klebsiella oxytoca | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Klebsiella pneumoniae | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Mycoplasma pulmonis | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Pasteurella pneumotropica | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Pasteurella multocida | Quarterly | IDEXX BioAnalytics | CULT/PCR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Pseudomonas aeruginosa | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Salmonella spp. | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Staphylococcus aureus | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Streptobacillus moniliformis | Quarterly | IDEXX BioAnalytics | PCR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Streptococcus pneumoniae | Quarterly | IDEXX BioAnalytics | CULT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Cilia Associated Respiratory Bacillus (CARB) | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Corynebacterium bovis | Quarterly | IDEXX BioAnalytics | PCR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Helicobacter spp. | Quarterly | IDEXX BioAnalytics | PCR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Pneumocystis spp. | Quarterly | IDEXX BioAnalytics | PCR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |

Parasites

| Target Organism | Test Frequency | Testing Laboratory | Test Method | Latest Test Date | Latest Result #positive / #tested | 2024 Cumulative Results #positive/ #tested | 2023 Cumulative Results #positive/ #tested |
|--------------------------|----------------|--------------------|-------------|------------------|-----------------------------------|--|--|
| Ectoparasites | Quarterly | IDEXX BioAnalytics | MICR | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Endoparasites | Quarterly | IDEXX BioAnalytics | MICR/FLOT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Enteric helminths | Quarterly | IDEXX BioAnalytics | MICR/FLOT | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Encephalitozoon cuniculi | Quarterly | IDEXX BioAnalytics | MFI | 25 Sep 2024 | 0/8 | 0/24 | 0/33 |
| Dermatophytes | Annually | IDEXX BioAnalytics | PCR | 25 Sep 2024 | 0/8 | 0/8 | 0/8 |

Ancillary Microbial Monitoring- Restricted Flora

| Target Organism | Test Frequency | Testing Laboratory | Test Method | Latest Test Date | Latest Result #positive / #tested | 2024 Cumulative Results #positive/ #tested | 2023 Cumulative Results #positive/ #tested |
|------------------------------------|----------------|--------------------------|-------------|------------------|-----------------------------------|--|--|
| Klebsiella oxytoca | Monthly | US Diagnostics (Taconic) | CULTURE | 21 Nov 2024 | 0/16 | 0/176 | 0/196 |
| Klebsiella pneumoniae | Monthly | US Diagnostics (Taconic) | CULTURE | 21 Nov 2024 | 0/16 | 0/176 | 0/196 |
| Pseudomonas aeruginosa | Monthly | US Diagnostics (Taconic) | CULTURE | 21 Nov 2024 | 0/16 | 0/176 | 0/196 |
| Staphylococcus aureus | Monthly | US Diagnostics (Taconic) | CULTURE | 21 Nov 2024 | 0/16 | 0/176 | 0/196 |
| Beta haemolytic Streptococcus spp. | Monthly | US Diagnostics (Taconic) | CULTURE | 21 Nov 2024 | 0/16 | 0/176 | 0/196 |
| Pasteurella multocida | Monthly | US Diagnostics (Taconic) | CULTURE | 21 Nov 2024 | 0/16 | 0/176 | 0/196 |

Health testing performed against **IHMS™** standards at Taconic Biosciences Inc. using samples supplied by InVivos.

Organisms tested using culture/PCR are tested via culture first, any retesting and confirmation is tested using PCR.

Do you have questions about this health report? Contact InVivos Vets at +6598634338 or veterinary@invivos.com.sg