

### InVivos Pte Ltd- Health Report

<b>Production site:</b>	InVivos	<b>Date of report:</b>	29 July 2022
<b>Address:</b>	9 Perahu Road, Singapore 718793	<b>Species:</b>	Mice: 8 strains (as specified below)
<b>Barrier room:</b>	BBR 04	<b>Transferred From:</b>	Jackson Laboratory
<b>Date Location First Occupied:</b>	26 Jan 2015	<b>Animal strains/Stock:</b>	C57BL/JInv, BALB/cJInv, A/JInv, NSG, K18-hACE2
<b>Health Standard:</b>	Restricted Flora (RF)		J:NUInv, CB17 SCID/JInv, NOD SCID/JInv

\* Latest Test Date is the date animals are removed from the colony to begin the health testing process.

Compilation of all results for web posting may take several weeks.

#### Viruses

Target Organism	Test Frequency	Testing Laboratory	Test Method	*Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2022 Cumulative Results #positive/ #tested	2020-2021 Cumulative Results #positive/ #tested
Mouse Hepatitis Virus (MHV )	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Mouse Minute [parvo] Virus (MMV)	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Mouse Parvovirus (MPV)	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Mouse Rotavirus (EDIM)	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Encephalomyelitis Virus (GD7)	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Pneumonia Virus of Mice (PVM)	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Murine Norovirus (MNV )	Monthly	IDEXX RADIL	MFI	04 July 2022	M	0/8	0/56	0/192
Sendai Virus	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Lymphocytic Choriomeningitis Virus (LCM)	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Ectromelia Virus	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Hantaan Virus	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Mouse Adenovirus (FL) (MAV 1)	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Mouse Adenovirus (K87) (MAV 2)	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Mouse Cytomegalovirus (MCMV )	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Respiratory Enteric Virus III (REO 3)	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Polyoma Virus	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
K Virus	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Thymic Virus	Semiannually	IDEXX RADIL	IFA	01 Sep 2021	M	0/8	0/0	0/32
Lactic Dehydrogenase Elevating Virus (LDHV )	Annually	IDEXX RADIL	MFI	01 Sep 2021	M	0/8	0/0	0/16

#### Bacteria, Mycoplasma and Fungi

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2022 Cumulative Results #positive/ #tested	2020-2021 Cumulative Results #positive/ #tested
Beta hemolytic Streptococcus	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Bordetella bronchiseptica	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Citrobacter rodentium	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Clostridium piliforme	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Corynebacterium kutscheri	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Klebsiella oxytoca	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Klebsiella pneumoniae	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Mycoplasma pulmonis	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Pasteurella pneumotropica	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Pasteurella multocida	Quarterly	IDEXX RADIL	PCR	06 June 2022	M	0/8	0/16	0/60
Pseudomonas aeruginosa	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Salmonella spp.	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Staphylococcus aureus	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Streptobacillus moniliformis	Quarterly	IDEXX RADIL	PCR	06 June 2022	M	0/8	0/16	0/60
Streptococcus pneumoniae	Quarterly	IDEXX RADIL	CULT/PCR	06 June 2022	M	0/8	0/16	0/60
Cilia Associated Respiratory Bacillus (CARB)	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60
Corynebacterium bovis	Quarterly	IDEXX RADIL	PCR	06 June 2022	M	0/8	0/16	0/60
Helicobacter spp.	Quarterly	IDEXX RADIL	PCR	06 June 2022	M	0/8	0/16	0/60
Pneumocystis spp.	Quarterly	IDEXX RADIL	PCR	06 June 2022	M	0/8	0/16	0/60

## Parasites

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species tested M = Mice R = Rat	Latest Result #positive / #tested	2022 Cumulative Results #positive/ #tested	2020-2021 Cumulative Results #positive/ #tested
Ectoparasites	Quarterly	Taconic Diagnostics	MICR/PCR	06 June 2022	M	0/8	0/16	0/60
Endoparasites	Quarterly	Taconic Diagnostics	MICR/PCR	06 June 2022	M	0/8	0/16	0/60
Enteric helminths	Quarterly	Taconic Diagnostics	MICR/PCR	06 June 2022	M	0/8	0/16	0/60
Encephalitozoon cuniculi	Quarterly	IDEXX RADIL	MFI	06 June 2022	M	0/8	0/16	0/60

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2022 Cumulative Results #positive/ #tested	2020-2021 Cumulative Results #positive/ #tested
Necropsy findings	Quarterly	Taconic Diagnostics		06 June 2022	M	0/8	0/16	0/60

## Ancillary Microbial Monitoring- Restricted Flora

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2022 Cumulative Results #positive/ #tested	2020-2021 Cumulative Results #positive/ #tested
Klebsiella oxytoca	Monthly	Taconic Diagnostics	CULTURE	04 July 2022	M	0/16	0/112	0/384
Klebsiella pneumonia	Monthly	Taconic Diagnostics	CULTURE	04 July 2022	M	0/16	0/112	0/384
Pseudomonas aeruginosa	Monthly	Taconic Diagnostics	CULTURE	04 July 2022	M	0/16	0/112	0/384
Staphylococcus aureus	Monthly	Taconic Diagnostics	CULTURE	04 July 2022	M	0/16	0/112	0/384
Beta haemolytic Streptococcus spp.	Monthly	Taconic Diagnostics	CULTURE	04 July 2022	M	0/16	0/112	0/384
Pasteurella multocida	Monthly	Taconic Diagnostics	CULTURE	04 July 2022	M	0/16	0/112	0/384

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 Dr. Timothy Chua at +65 97561839 or [timothy\\_chua@invivos.com.sg](mailto:timothy_chua@invivos.com.sg)**