

### InVivos Pte Ltd- Health Report

<b>Production site:</b>	InVivos	<b>Date of report:</b>	03 Jan 2019
<b>Address:</b>	9 Perahu Road, Singapore 718793	<b>Species:</b>	Mice: 1 strain (as specified below)
<b>Isolator no.:</b>	Iso#10,11&12	<b>Transferred From:</b>	Jackson Laboratory
<b>Date Location First Occupied:</b>	16 Nov 2015	<b>Animal strains/Stock:</b>	NOD scid gamma (NSG)
<b>Health Standard:</b>	Restricted Flora (RF)		

\* **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	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Mouse Hepatitis Virus (MHV )	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Mouse Minute [parvo] Virus (MMV)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Mouse Parvovirus (MPV)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Mouse Rotavirus (EDIM)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Encephalomyelitis Virus (GD7)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Pneumonia Virus of Mice (PVM)	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Murine Norovirus (MNV )	Monthly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/24	0/24
Sendai Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Lymphocytic Choriomeningitis Virus (LCM)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Ectromelia Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Hantaan Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Mouse Adenovirus (FL) (MAV 1)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Mouse Adenovirus (K87) (MAV 2)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Mouse Cytomegalovirus (MCMV )	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Respiratory Enteric Virus III (REO 3)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Polyoma Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
K Virus	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Thymic Virus	Semiannually	IDEXX RADIL	IFA	10 Sep 2018	M	0/2	0/4	0/6
Lactic Dehydrogenase Elevating Virus (LDHV )	Annually	IDEXX RADIL	MFI	10 Sep 2018	M	0/2	0/2	0/4

#### 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	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Beta hemolytic Streptococcus	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Bordetella bronchiseptica	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Citrobacter rodentium	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Clostridium piliforme	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Corynebacterium kutscheri	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Klebsiella oxytoca	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Klebsiella pneumoniae	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Mycoplasma sp.	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Pasteurella pneumotropica	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Other Pasteurella sp.	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Pseudomonas aeruginosa	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Salmonella sp.	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Staphylococcus aureus	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Streptobacillus moniliformis	Quarterly	IDEXX RADIL	PCR	10 Dec 2018	M	0/2	0/8	0/18
Streptococcus pneumoniae	Quarterly	IDEXX RADIL	CULT	10 Dec 2018	M	0/2	0/8	0/18
Cilia Associated Respiratory Bacillus (CARB)	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18
Corynebacterium bovis	Quarterly	IDEXX RADIL	ELISA	10 Dec 2018	M	0/2	0/8	0/18
Helicobacter sp.	Quarterly	IDEXX RADIL	PCR	10 Dec 2018	M	0/2	0/8	0/18
Pneumocystis murina	Quarterly	IDEXX RADIL	PCR	10 Dec 2018	M	0/2	0/8	0/18

## Parasites

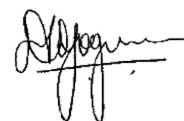
Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Ectoparasites	Quarterly	Taconic Diagnostics	MICR	10 Dec 2018	M	0/2	0/8	0/18
Endoparasites	Quarterly	Taconic Diagnostics	MICR-PCR	10 Dec 2018	M	0/2	0/8	0/18
Enteric helminths	Quarterly	Taconic Diagnostics	MICR	10 Dec 2018	M	0/2	0/8	0/18
Encephalitozoon cuniculi	Quarterly	IDEXX RADIL	MFI	10 Dec 2018	M	0/2	0/8	0/18

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Necropsy findings	Quarterly	Taconic Diagnostics		10 Dec 2018	M	0/2	0/8	0/18

## 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	2018 Cumulative Results #positive/ #tested	2016-2017 Cumulative Results #positive/ #tested
Klebsiella oxytoca	Monthly	Taconic Diagnostics	CULTURE	10 Dec 2018	M	0/2	0/28	0/72
Klebsiella pneumonia	Monthly	Taconic Diagnostics	CULTURE	10 Dec 2018	M	0/2	0/28	0/72
Pseudomonas aeruginosa	Monthly	Taconic Diagnostics	CULTURE	10 Dec 2018	M	0/2	0/28	0/72
Staphylococcus aureus	Monthly	Taconic Diagnostics	CULTURE	10 Dec 2018	M	0/2	0/28	0/72
Beta haemolytic Streptococcus spp.	Monthly	Taconic Diagnostics	CULTURE	10 Dec 2018	M	0/2	0/28	0/72

Reviewed By



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Do you have questions about this health report? Contact Dr.Nijaguna Bethur at +65 66438619 or [Nijaguna\\_bethur@invivos.com.sg](mailto:Nijaguna_bethur@invivos.com.sg)