

### InVivos Pte Ltd- Health Report

<b>Production site:</b>	InVivos	<b>Date of report:</b>	04 Apr 2019
<b>Address:</b>	9 Perahu Road, Singapore 718793	<b>Species:</b>	Mice: 2 strain (as specified below)
<b>Isolator#:</b>	ISO#17 & 18	<b>Transferred From:</b>	TACONIC
<b>Date Location First Occupied:</b>	11 Jul 2018	<b>Animal strains/Stock:</b>	FVB/N, 129SVE
<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.

#### Viruses

Target Organism	Test Frequency	Testing Laboratory	Test Method	*Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2019 Cumulative Results #positive/ #tested	2018 Cumulative Results #positive/ #tested
Mouse Hepatitis Virus (MHV )	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Mouse Minute [parvo] Virus (MMV)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Mouse Parvovirus (MPV)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Mouse Rotavirus (EDIM)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Encephalomyelitis Virus (GD7)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Pneumonia Virus of Mice (PVM)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Murine Norovirus (MNV )	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Sendai virus	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Lymphocytic Choriomeningitis Virus (LCM)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Ectromelia Virus	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Hantaan Virus	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Mouse Adenovirus (FL) (MAV 1)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Mouse Adenovirus (K87) (MAV 2)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Mouse Cytomegalovirus (MCMV )	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Respiratory Enteric Virus III (REO 3)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Polyoma Virus	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
K Virus	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Thymic Virus	Semiannually	IDEXX RADIL	IFA	04 Mar 2019	M	0/2	0/2	0/2
Lactic Dehydrogenase Elevating Virus (LDHV )	Annually	IDEXX RADIL	MFI	10 Sep 2018	M	-	0/2	0/2

#### 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	2019 Cumulative Results #positive/ #tested	2018 Cumulative Results #positive/ #tested
Beta hemolytic Streptococcus	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Bordetella bronchiseptica	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Citrobacter rodentium	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Clostridium piliforme	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Corynebacterium kutscheri	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Klebsiella oxytoca	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Klebsiella pneumoniae	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Mycoplasma pulmonis	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Pasteurella pneumotropica	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Pasteurella multocida	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Pseudomonas aeruginosa	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Salmonella sp.	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Staphylococcus aureus	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Streptobacillus moniliformis	Quarterly	IDEXX RADIL	PCR	04 Mar 2019	M	0/2	0/2	0/4
Streptococcus pneumoniae	Quarterly	IDEXX RADIL	CULT	04 Mar 2019	M	0/2	0/2	0/4
Cilia Associated Respiratory Bacillus (CARB)	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4
Helicobacter spp	Quarterly	IDEXX RADIL	PCR	04 Mar 2019	M	0/2	0/2	0/4
Pneumocystis spp	Quarterly	IDEXX RADIL	PCR	04 Mar 2019	M	0/2	0/2	0/4

## Parasites

Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2019 Cumulative Results #positive/ #tested	2018 Cumulative Results #positive/ #tested
Ectoparasites	Quarterly	Taconic Diagnostics	MICR	04 Mar 2019	M	0/2	0/2	0/4
Endoparasites	Quarterly	Taconic Diagnostics	MICR-PCR	04 Mar 2019	M	0/2	0/2	0/4
Enteric helminths	Quarterly	Taconic Diagnostics	MICR	04 Mar 2019	M	0/2	0/2	0/4
Encephalitozoon cuniculi	Quarterly	IDEXX RADIL	MFI	04 Mar 2019	M	0/2	0/2	0/4

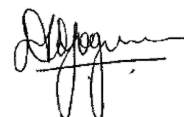
Target Organism	Test Frequency	Testing Laboratory	Test Method	Latest Test Date	Species Tested M = Mice R = Rat	Latest Result #positive / #tested	2019 Cumulative Results #positive/ #tested	2018 Cumulative Results #positive/ #tested
Necropsy findings	Quarterly	Taconic Diagnostics		04 Mar 2019	M	0/2	0/2	0/4

## 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	2019 Cumulative Results #positive/ #tested	2018 Cumulative Results #positive/ #tested
Klebsiella oxytoca	Monthly	Taconic Diagnostics	CULTURE	04 Mar 2019	M	0/4	0/12	0/16
Klebsiella pneumonia	Monthly	Taconic Diagnostics	CULTURE	04 Mar 2019	M	0/4	0/12	0/16
Pseudomonas aeruginosa	Monthly	Taconic Diagnostics	CULTURE	04 Mar 2019	M	0/4	0/12	0/16
Staphylococcus aureus	Monthly	Taconic Diagnostics	CULTURE	04 Mar 2019	M	0/4	0/12	0/16
Beta haemolytic Streptococcus spp.	Monthly	Taconic Diagnostics	CULTURE	04 Mar 2019	M	0/4	0/12	0/16

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

Reviewed By



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(Veterinary Services Manager, InVivos Pte Ltd)

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)