



Animal Health Monitoring Report

Barrier Area: 3a

Date report issued: 07-Dec-21

Strain: B6.Cg-Tg(K18-ACE2)2PrImn/JArc

[JAX Stock No: 034860](#)

K18-hACE2

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
SARS-CoV-2
Mouse Norovirus
Theiler's Encephalomyelitis Virus
Pneumonia Virus of Mice
Murine Cytomegalovirus
Sendai Virus
Mouse Adenovirus Type 1 & 2
Lymphocytic Choriomeningitis Virus
Hantaan (Korean Haemorrhagic Fever)
Ectromelia (Mousepox) Virus
Reovirus -3
Polyoma Virus
K Virus
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

CAR bacillus
Clostridium piliforme
Mycoplasma pulmonis
Helicobacter spp.*
Streptococcus pneumoniae
Pasteurella pneumotropica
Salmonella spp.
Bordetella bronchiseptica
Corynebacterium kutscheri
Streptobacillus moniliformis
Pneumocystis murina

Parasites and Protozoa

Arthropods (Fur mites, lice, fleas)
Nematodes (pinworms)
Cestodes
Protozoa: *Giardia muris*, *Spironucleus muris*, *Tritrichomonas muris*,
Entamoeba muris
Encephalitozoon cuniculi

ORGANISMS MONITORED BUT NOT EXCLUDED:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	14-Oct-21	0 / 2	0 / 70	EH	m
Minute Virus of Mice	14-Oct-21	0 / 2	0 / 70	EH	m
Mouse Parvovirus	14-Oct-21	0 / 2	0 / 70	EH	m
Murine Rotavirus (EDIM)	14-Oct-21	0 / 2	0 / 70	EH	m
SARS-CoV-2	14-Oct-21	0 / 10	0 / 130	H	m
Mouse Norovirus	14-Oct-21	0 / 2	0 / 18	E	q
Theiler's Encephalomyelitis Virus	14-Oct-21	0 / 2	0 / 18	E	q
Pneumonia Virus of Mice	14-Oct-21	0 / 2	0 / 12	E	q
Murine Cytomegalovirus	14-Oct-21	0 / 2	0 / 12	E	q
Sendai Virus	14-Oct-21	0 / 2	0 / 12	E	q
Mouse Adenovirus Type 1 & 2	14-Oct-21	0 / 2	0 / 12	E	q
Lymphocytic Choriomeningitis Virus	14-Oct-21	0 / 2	0 / 12	E	q
Hantaan (Korean Haemorrhagic Fever)	11-Jan-21	0 / 2	0 / 4	E	a
Ectromelia (Mousepox) Virus	11-Jan-21	0 / 2	0 / 4	E	a
Reovirus -3	11-Jan-21	0 / 2	0 / 4	E	a
Polyoma Virus	11-Jan-21	0 / 2	0 / 4	E	a
K Virus	11-Jan-21	0 / 2	0 / 4	E	a
Lactate Dehydrogenase Elevating Virus	11-Jan-21	0 / 2	0 / 4	E	a
Mouse Thymic Virus	11-Jan-21	0 / 2	0 / 4	E	a
Bacteria and Fungi					
<i>CAR bacillus</i>	14-Oct-21	0 / 2	0 / 12	E	q
<i>Clostridium piliforme</i>	14-Oct-21	0 / 2	0 / 12	E	q
<i>Mycoplasma pulmonis</i>	14-Oct-21	0 / 2	0 / 12	E	q
<i>Helicobacter</i> spp.*	14-Oct-21	0 / 10	0 / 58	H	q
<i>Streptococcus pneumoniae</i>	14-Oct-21	0 / 10	0 / 52	DH	q
<i>Pasteurella pneumotropica</i>	14-Oct-21	0 / 10	0 / 52	DH	q
<i>Salmonella</i> spp.	11-Jan-21	0 / 2	0 / 12	CH	a
<i>Bordetella bronchiseptica</i>	11-Jan-21	0 / 2	0 / 12	DH	a
<i>Corynebacterium kutscheri</i>	11-Jan-21	0 / 2	0 / 12	DH	a
<i>Streptobacillus moniliformis</i>	11-Jan-21	0 / 2	0 / 12	DH	a
<i>Pneumocystis murina</i>	11-Jan-21	0 / 2	0 / 4	E	a
Parasites and Protozoa					
Arthropods (Fur mites, lice, fleas)	14-Oct-21	0 / 10	0 / 51	BH	q
Nematodes (pinworms)	14-Oct-21	0 / 10	0 / 58	FGH	q
Cestodes	14-Oct-21	0 / 10	0 / 52	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spironucleus muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	14-Oct-21	0 / 10	0 / 52	FH	q
<i>Encephalitozoon cuniculi</i>	11-Jan-21	0 / 2	0 / 4	E	a
ORGANISMS MONITORED BUT NOT EXCLUDED:					
<i>Staphylococcus aureus</i>	14-Oct-21	0 / 10	0 / 52	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	14-Oct-21	0 / 10	0 / 52	DH	q
<i>Klebsiella oxytoca</i>	11-Jan-21	0 / 2	0 / 12	CH	a
<i>Klebsiella pneumoniae</i>	11-Jan-21	0 / 2	0 / 12	CH	a
<i>Citrobacter rodentium</i>	11-Jan-21	0 / 2	0 / 12	CH	a
<i>Pseudomonas aeruginosa</i>	11-Jan-21	0 / 2	0 / 12	CH	a
Mouse Kidney Parvovirus	15-Apr-21	0 / 10	0 / 22	H	a

Notes:

* *Helicobacter* species tested includes *H.hepaticus*, *H.bilis*, *H.rodentium*, *H.ganmani*, *H.mastomyrinus* and *H.typhlonius*.

Testing methods:

A, Gross Pathology/histopathology. B, Pelt examination. C, Bacterial selective culture intestine.
D, Bacterial selective culture respiratory tract/oropharynx. E, Serology ELISA/MFI/IFA. F, Microscopy intestine. G, Faecal flotation.
H, Polymerase chain reaction assay. I, Dermatophyte culture. J, General bacterial culture any site.

Minimum testing frequency: m= monthly. q= quarterly. ta= triannual. a= annually.

Results are presented as the no. positive results / no. animals tested on the date listed.

NT = Not Tested (not a recognised pathogen in this species) For details of testing program see www.arc.wa.gov.au

Area populated: Transferred into Area 3a on 27/08/2021
Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager