



# Animal Health Monitoring Report

## Isolator reared

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

Date report issued: 29-Jun-22

JAX Stock No: 034860

K18-hACE2

Report covers the following isolators:

RI12, RI14, RI26

Strains present in isolator:

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

Strain of animal tested:

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

### ORGANISMS MONITORED AND EXCLUDED

#### Viruses

SARS-CoV-2  
 Mouse Hepatitis Virus  
 Minute Virus of Mice  
 Mouse Parvovirus  
 Murine Rotavirus (EDIM)  
 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.<sup>1</sup>  
 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

Last Test Date	Results	Mouse		Testing method	Testing frequency
		Past 18 Months			
23-May-22	0 / 40	0 / 194		H	q
23-May-22	0 / 8	0 / 70		E	q
23-May-22	0 / 8	0 / 70		E	q
23-May-22	0 / 8	0 / 70		E	q
23-May-22	0 / 8	0 / 70		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 8	0 / 18		E	q
23-May-22	0 / 40	0 / 74		H	q
23-May-22	0 / 40	0 / 74		DH	q
23-May-22	0 / 40	0 / 74		DH	q
23-May-22	0 / 40	0 / 44		CH	a
23-May-22	0 / 40	0 / 44		DH	a
23-May-22	0 / 40	0 / 44		DH	a
23-May-22	0 / 40	0 / 44		DH	a
11-Jan-21	0 / 2	0 / 2		E	a
23-May-22	0 / 40	0 / 72		BH	q
23-May-22	0 / 40	0 / 74		FGH	q
23-May-22	0 / 40	0 / 74		FGH	q
23-May-22	0 / 40	0 / 74		FH	q
23-May-22	0 / 8	0 / 12		E	a
23-May-22	0 / 40	0 / 74		DH	q
23-May-22	0 / 40	0 / 74		DH	q
23-May-22	0 / 40	0 / 44		CH	a
23-May-22	0 / 40	0 / 44		CH	a
23-May-22	0 / 40	0 / 44		CH	a
23-May-22	0 / 40	0 / 44		CH	a
23-May-22	0 / 18	0 / 32		HE	q

#### Notes:

<sup>1</sup> *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](http://www.arc.wa.gov.au)

Area populated: Transferred into RI26 (5/1/22)

Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager