



## Animal Health Monitoring Report

Isolator reared  
NOD.CB17-Prkdc<sup>scid</sup>/Arc

Date report issued: 30-Jun-21

Report covers the following isolators:

R110

Strains present in isolator:

NOD.CB17-Prkdc<sup>scid</sup>/Arc

Strain of animal tested:

NOD.CB17-Prkdc<sup>scid</sup>/Arc and ICR Outbred for serology

### ORGANISMS MONITORED AND EXCLUDED

#### Viruses

Mouse Hepatitis Virus  
Minute Virus of Mice  
Mouse Parvovirus  
Murine Rotavirus (EDIM)  
Mouse Norovirus  
Theiler's Encephalomyelitis Virus (GD VII)  
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  
Lactic Dehydrogenase Elevating Virus  
Mouse Thymic Virus

#### Bacteria and Fungi

CAR bacillus  
Clostridium piliforme  
Mycoplasma pulmonis  
Helicobacter spp.<sup>1</sup>  
Salmonella spp.  
Pasteurella pneumotropica  
Streptococcus pneumoniae  
Bordetella bronchiseptica  
Corynebacterium kutscheri  
Streptobacillus moniliformis  
Pneumocystis murina

#### Parasites and Protozoa

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

#### ORGANISMS MONITORED BUT NOT EXCLUDED:

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

		Mouse			
Viruses	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	26-May-21	0 / 1	0 / 6	E	q
Minute Virus of Mice	26-May-21	0 / 1	0 / 6	E	q
Mouse Parvovirus	26-May-21	0 / 1	0 / 6	E	q
Murine Rotavirus (EDIM)	26-May-21	0 / 1	0 / 6	E	q
Mouse Norovirus	26-May-21	0 / 1	0 / 6	E	q
Theiler's Encephalomyelitis Virus (GD VII)	26-May-21	0 / 1	0 / 6	E	q
Pneumonia Virus of Mice	26-May-21	0 / 1	0 / 6	E	q
Murine Cytomegalovirus	26-May-21	0 / 1	0 / 6	E	q
Sendai Virus	26-May-21	0 / 1	0 / 6	E	q
Mouse Adenovirus Type 1 & 2	26-May-21	0 / 1	0 / 6	E	q
Lymphocytic Choriomeningitis Virus	26-May-21	0 / 1	0 / 6	E	q
Hantaan (Korean Haemorrhagic Fever)	26-May-21	0 / 1	0 / 6	E	q
Ectromelia (Mousepox) Virus	26-May-21	0 / 1	0 / 6	E	q
Reovirus -3	26-May-21	0 / 1	0 / 6	E	q
Polyoma Virus	26-May-21	0 / 1	0 / 6	E	q
K Virus	26-May-21	0 / 1	0 / 6	E	q
Lactic Dehydrogenase Elevating Virus	26-May-21	0 / 1	0 / 6	E	q
Mouse Thymic Virus	26-May-21	0 / 1	0 / 6	E	q
<b>Bacteria and Fungi</b>					
CAR bacillus	26-May-21	0 / 1	0 / 6	E	q
Clostridium piliforme	26-May-21	0 / 1	0 / 6	E	q
Mycoplasma pulmonis	26-May-21	0 / 1	0 / 6	E	q
Helicobacter spp. <sup>1</sup>	26-May-21	0 / 10	0 / 44	H	q
Salmonella spp.	26-May-21	0 / 10	0 / 44	CH	q
Pasteurella pneumotropica	26-May-21	0 / 10	0 / 44	DH	q
Streptococcus pneumoniae	26-May-21	0 / 10	0 / 44	DH	q
Bordetella bronchiseptica	26-May-21	0 / 10	0 / 44	DH	q
Corynebacterium kutscheri	26-May-21	0 / 10	0 / 44	DH	q
Streptobacillus moniliformis	26-May-21	0 / 10	0 / 44	DH	q
Pneumocystis murina	24-Feb-21	0 / 3	0 / 6	HE	a
<b>Parasites and Protozoa</b>					
Encephalitozoon cuniculi	26-May-21	0 / 1	0 / 6	E	q
Arthropods (Fur mites, lice, fleas)	26-May-21	0 / 10	0 / 42	BH	q
Nematodes (pinworms)	26-May-21	0 / 10	0 / 44	FGH	q
Cestodes	26-May-21	0 / 10	0 / 44	FGH	q
Protozoa: Giardia muris, Spiroplasma muris, Tritrichomonas muris, Entamoeba muris	26-May-21	0 / 10	0 / 44	FH	q
<b>ORGANISMS MONITORED BUT NOT EXCLUDED:</b>					
Staphylococcus aureus	26-May-21	0 / 10	0 / 44	DH	q
Streptococcus sp. beta hemolytic Groups A, B, C or G	26-May-21	0 / 10	0 / 44	DH	q
Klebsiella oxytoca	26-May-21	0 / 10	0 / 44	DH	q
Klebsiella pneumoniae	26-May-21	0 / 10	0 / 44	DH	q
Pseudomonas aeruginosa	26-May-21	0 / 10	0 / 44	DH	q
Citrobacter rodentium	26-May-21	0 / 10	0 / 44	CH	q
Corynebacterium bovis	24-Feb-21	0 / 2	0 / 4	H	a
Mouse Kidney Parvovirus	26-May-21	0 / 10	0 / 14	H	a

#### Notes:

<sup>1</sup> Helicobacter spp. tested includes Helicobacter bilis, Helicobacter ganmani, Helicobacter hepaticus, Helicobacter mastomyrinus, Helicobacter rodentium, Helicobacter typhlonius.

Every quarter, sentinel mice from the stock NOD.CB17-Prkdc<sup>scid</sup>/ARC rack isolators are placed into an IVC with immunocompetent sentinel mice for serological testing.

#### Code for tests performed

**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 Frequency testing:** 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: 28/05/2012

Report reviewed by: Dr. Lydia Pethick, BSc BVMS MANZCVS (Laboratory Animals), Veterinary Services and Quality Control Manager