



## Animal Health Monitoring Report

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

Date report issued: 22-Dec-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				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	22-Nov-21	0 / 1	0 / 6	E	q
Minute Virus of Mice	22-Nov-21	0 / 1	0 / 6	E	q
Mouse Parvovirus	22-Nov-21	0 / 1	0 / 6	E	q
Murine Rotavirus (EDIM)	22-Nov-21	0 / 1	0 / 6	E	q
Mouse Norovirus	22-Nov-21	0 / 1	0 / 6	E	q
Theiler's Encephalomyelitis Virus (GD VII)	22-Nov-21	0 / 1	0 / 6	E	q
Pneumonia Virus of Mice	22-Nov-21	0 / 1	0 / 6	E	q
Murine Cytomegalovirus	22-Nov-21	0 / 1	0 / 6	E	q
Sendai Virus	22-Nov-21	0 / 1	0 / 6	E	q
Mouse Adenovirus Type 1 & 2	22-Nov-21	0 / 1	0 / 6	E	q
Lymphocytic Choriomeningitis Virus	22-Nov-21	0 / 1	0 / 6	E	q
Hantaan (Korean Haemorrhagic Fever)	22-Nov-21	0 / 1	0 / 6	E	q
Ectromelia (Mousepox) Virus	22-Nov-21	0 / 1	0 / 6	E	q
Reovirus -3	22-Nov-21	0 / 1	0 / 6	E	q
Polyoma Virus	22-Nov-21	0 / 1	0 / 6	E	q
K Virus	22-Nov-21	0 / 1	0 / 6	E	q
Lactic Dehydrogenase Elevating Virus	22-Nov-21	0 / 1	0 / 6	E	q
Mouse Thymic Virus	22-Nov-21	0 / 1	0 / 6	E	q
<b>Bacteria and Fungi</b>					
CAR bacillus	22-Nov-21	0 / 1	0 / 6	E	q
Clostridium piliforme	22-Nov-21	0 / 1	0 / 6	E	q
Mycoplasma pulmonis	22-Nov-21	0 / 1	0 / 6	E	q
Helicobacter spp. <sup>1</sup>	22-Nov-21	0 / 10	0 / 52	H	q
Salmonella spp.	22-Nov-21	0 / 10	0 / 52	CH	q
Pasteurella pneumotropica	22-Nov-21	0 / 10	0 / 52	DH	q
Streptococcus pneumoniae	22-Nov-21	0 / 10	0 / 52	DH	q
Bordetella bronchiseptica	22-Nov-21	0 / 10	0 / 52	DH	q
Corynebacterium kutscheri	22-Nov-21	0 / 10	0 / 52	DH	q
Streptobacillus moniliformis	22-Nov-21	0 / 10	0 / 52	DH	q
Pneumocystis murina	24-Feb-21	0 / 3	0 / 3	HE	a
<b>Parasites and Protozoa</b>					
Encephalitozoon cuniculi	22-Nov-21	0 / 1	0 / 6	E	q
Arthropods (Fur mites, lice, fleas)	22-Nov-21	0 / 10	0 / 51	BH	q
Nematodes (pinworms)	22-Nov-21	0 / 10	0 / 52	FGH	q
Cestodes	22-Nov-21	0 / 10	0 / 52	FGH	q
Protozoa: Giardia muris, Spiroplasma muris, Tritrichomonas muris, Entamoeba muris	22-Nov-21	0 / 10	0 / 52	FH	q
<b>ORGANISMS MONITORED BUT NOT EXCLUDED:</b>					
Staphylococcus aureus	22-Nov-21	0 / 10	0 / 52	DH	q
Streptococcus sp. beta hemolytic Groups A, B, C or G	22-Nov-21	0 / 10	0 / 52	DH	q
Klebsiella oxytoca	22-Nov-21	0 / 10	0 / 52	DH	q
Klebsiella pneumoniae	22-Nov-21	0 / 10	0 / 52	DH	q
Pseudomonas aeruginosa	22-Nov-21	0 / 10	0 / 52	DH	q
Citrobacter rodentium	22-Nov-21	0 / 10	0 / 52	CH	q
Corynebacterium bovis	24-Feb-21	0 / 2	0 / 2	H	a
Mouse Kidney Parvovirus	26-May-21	0 / 10	0 / 12	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. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager