



# Animal Health Monitoring Report

Isolator reared

**NOD.Cg-Prkdc<sup>scid</sup> Il2rg<sup>tm1Wjl</sup> /SzJArc**

Date report issued: 16-Sep-21

[JAX Stock No: 005557](#)

NSG

Report covers the following isolators:

Strains present in isolator:

Strain of animal tested:

RI 24 and RI 15

NOD.Cg-Prkdc<sup>scid</sup> Il2rg<sup>tm1Wjl</sup> /SzJArc

NOD.Cg-Prkdc<sup>scid</sup> Il2rg<sup>tm1Wjl</sup> /SzJArc & 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  
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>  
*Salmonella* spp.  
*Streptococcus pneumoniae*  
*Pasteurella pneumotropica*  
*Bordetella bronchiseptica*  
*Corynebacterium kutscheri*  
*Streptobacillus moniliformis*  
*Pneumocystis murina*

### Parasites and Protozoa

Arthropods (Fur mites, lice, fleas)  
Nematodes (pinworms)  
Cestodes  
Protozoa: *Giardia muris*, *Spiroplasma 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*  
*Corynebacterium bovis*  
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	25-Aug-21	0 / 2	0 / 20	E	q
Minute Virus of Mice	25-Aug-21	0 / 2	0 / 20	E	q
Mouse Parvovirus	25-Aug-21	0 / 2	0 / 20	E	q
Murine Rotavirus (EDIM)	25-Aug-21	0 / 2	0 / 20	E	q
Mouse Norovirus	25-Aug-21	0 / 2	0 / 20	E	q
Theiler's Encephalomyelitis Virus	25-Aug-21	0 / 2	0 / 20	E	q
Pneumonia Virus of Mice	25-Aug-21	0 / 2	0 / 20	E	q
Murine Cytomegalovirus	25-Aug-21	0 / 2	0 / 20	E	q
Sendai Virus	25-Aug-21	0 / 2	0 / 20	E	q
Mouse Adenovirus Type 1 & 2	25-Aug-21	0 / 2	0 / 20	E	q
Lymphocytic Choriomeningitis Virus	25-Aug-21	0 / 2	0 / 20	E	q
Hantaan (Korean Haemorrhagic Fever)	25-Aug-21	0 / 2	0 / 20	E	q
Ectromelia (Mousepox) Virus	25-Aug-21	0 / 2	0 / 20	E	q
Reovirus -3	25-Aug-21	0 / 2	0 / 20	E	q
Polyoma Virus	25-Aug-21	0 / 2	0 / 20	E	q
K Virus	25-Aug-21	0 / 2	0 / 20	E	q
Lactate Dehydrogenase Elevating Virus	25-Aug-21	0 / 2	0 / 20	E	q
Mouse Thymic Virus	25-Aug-21	0 / 2	0 / 20	E	q
<b>Bacteria and Fungi</b>					
<i>CAR bacillus</i>	25-Aug-21	0 / 2	0 / 20	E	q
<i>Clostridium piliforme</i>	25-Aug-21	0 / 2	0 / 20	E	q
<i>Mycoplasma pulmonis</i>	25-Aug-21	0 / 2	0 / 20	E	q
<i>Helicobacter</i> spp. <sup>1</sup>	23-Aug-21	0 / 20	0 / 94	H	q
<i>Salmonella</i> spp.	23-Aug-21	0 / 20	0 / 94	CH	q
<i>Streptococcus pneumoniae</i>	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Pasteurella pneumotropica</i>	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Bordetella bronchiseptica</i>	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Corynebacterium kutscheri</i>	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Streptobacillus moniliformis</i>	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Pneumocystis murina</i>	24-Feb-21	0 / 6	0 / 6	HE	a
<b>Parasites and Protozoa</b>					
Arthropods (Fur mites, lice, fleas)	23-Aug-21	0 / 20	0 / 92	BH	q
Nematodes (pinworms)	23-Aug-21	0 / 20	0 / 94	FGH	q
Cestodes	23-Aug-21	0 / 20	0 / 94	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	23-Aug-21	0 / 20	0 / 94	FH	q
<i>Encephalitozoon cuniculi</i>	25-Aug-21	0 / 2	0 / 20	E	q
<b>ORGANISMS MONITORED BUT NOT EXCLUDED:</b>					
<i>Staphylococcus aureus</i>	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	23-Aug-21	0 / 20	0 / 94	DH	q
<i>Klebsiella oxytoca</i>	23-Aug-21	0 / 20	0 / 94	CH	q
<i>Klebsiella pneumoniae</i>	23-Aug-21	0 / 20	0 / 94	CH	q
<i>Citrobacter rodentium</i>	23-Aug-21	0 / 20	0 / 94	CH	q
<i>Pseudomonas aeruginosa</i>	23-Aug-21	0 / 20	0 / 94	CH	q
<i>Corynebacterium bovis</i>	24-Feb-21	0 / 4	0 / 4	H	a
Mouse Kidney Parvovirus	26-May-21	0 / 20	0 / 24	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.Cg-Prkdc<sup>scid</sup> Il2rg<sup>tm1Wjl</sup> /SzJArc rack isolators are placed into an IVC with immunocompetent sentinel mice for serological testing.

### 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: 13-Mar-20

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