



Animal Health Monitoring Report

Isolator reared

NOD.Cg-Prkdc^{scid} Il2rg^{tm1Wjl} /SzJArc

Date report issued: 22-Dec-21

[JAX Stock No: 005557](#)

NSG

Report covers the following isolators:

RI 24 and RI 15

Strains present in isolator:

NOD.Cg-Prkdc^{scid} Il2rg^{tm1Wjl} /SzJArc

Strain of animal tested:

NOD.Cg-Prkdc^{scid} Il2rg^{tm1Wjl} /SzJArc & ICR Outbred for serology

ORGANISMS MONITORED AND EXCLUDED

Viruses

	Mouse			Testing method	Testing frequency
	Last Test Date	Results	Past 18 Months		
Mouse Hepatitis Virus	22-Nov-21	0 / 2	0 / 20	E	q
Minute Virus of Mice	22-Nov-21	0 / 2	0 / 20	E	q
Mouse Parvovirus	22-Nov-21	0 / 2	0 / 20	E	q
Murine Rotavirus (EDIM)	22-Nov-21	0 / 2	0 / 20	E	q
Mouse Norovirus	22-Nov-21	0 / 2	0 / 20	E	q
Theiler's Encephalomyelitis Virus	22-Nov-21	0 / 2	0 / 20	E	q
Pneumonia Virus of Mice	22-Nov-21	0 / 2	0 / 20	E	q
Murine Cytomegalovirus	22-Nov-21	0 / 2	0 / 20	E	q
Sendai Virus	22-Nov-21	0 / 2	0 / 20	E	q
Mouse Adenovirus Type 1 & 2	22-Nov-21	0 / 2	0 / 20	E	q
Lymphocytic Choriomeningitis Virus	22-Nov-21	0 / 2	0 / 20	E	q
Hantaan (Korean Haemorrhagic Fever)	22-Nov-21	0 / 2	0 / 20	E	q
Ectromelia (Mousepox) Virus	22-Nov-21	0 / 2	0 / 20	E	q
Reovirus -3	22-Nov-21	0 / 2	0 / 20	E	q
Polyoma Virus	22-Nov-21	0 / 2	0 / 20	E	q
K Virus	22-Nov-21	0 / 2	0 / 20	E	q
Lactate Dehydrogenase Elevating Virus	22-Nov-21	0 / 2	0 / 20	E	q
Mouse Thymic Virus	22-Nov-21	0 / 2	0 / 20	E	q

Bacteria and Fungi

CAR bacillus	22-Nov-21	0 / 2	0 / 20	E	q
Clostridium piliforme	22-Nov-21	0 / 2	0 / 20	E	q
Mycoplasma pulmonis	22-Nov-21	0 / 2	0 / 20	E	q
Helicobacter spp. ¹	22-Nov-21	0 / 20	0 / 94	H	q
Salmonella spp.	22-Nov-21	0 / 20	0 / 94	CH	q
Streptococcus pneumoniae	22-Nov-21	0 / 20	0 / 94	DH	q
Pasteurella pneumotropica	22-Nov-21	0 / 20	0 / 94	DH	q
Bordetella bronchiseptica	22-Nov-21	0 / 20	0 / 94	DH	q
Corynebacterium kutscheri	22-Nov-21	0 / 20	0 / 94	DH	q
Streptobacillus moniliformis	22-Nov-21	0 / 20	0 / 94	DH	q
Pneumocystis murina	24-Feb-21	0 / 6	0 / 6	HE	a

Parasites and Protozoa

Arthropods (Fur mites, lice, fleas)	22-Nov-21	0 / 20	0 / 92	BH	q
Nematodes (pinworms)	22-Nov-21	0 / 20	0 / 94	FGH	q
Cestodes	22-Nov-21	0 / 20	0 / 94	FGH	q
Protozoa: Giardia muris, Spiroplasma muris, Tritrichomonas muris, Entamoeba muris	22-Nov-21	0 / 20	0 / 94	FH	q
Encephalitozoon cuniculi	22-Nov-21	0 / 2	0 / 20	E	q

ORGANISMS MONITORED BUT NOT EXCLUDED:

Staphylococcus aureus	22-Nov-21	0 / 20	0 / 94	DH	q
Streptococcus sp. beta hemolytic Groups A, B, C or G	22-Nov-21	0 / 20	0 / 94	DH	q
Klebsiella oxytoca	22-Nov-21	0 / 20	0 / 94	CH	q
Klebsiella pneumoniae	22-Nov-21	0 / 20	0 / 94	CH	q
Citrobacter rodentium	22-Nov-21	0 / 20	0 / 94	CH	q
Pseudomonas aeruginosa	22-Nov-21	0 / 20	0 / 94	CH	q
Corynebacterium bovis	24-Feb-21	0 / 4	0 / 4	H	a
Mouse Kidney Parvovirus	26-May-21	0 / 20	0 / 24	H	a

Notes:

¹ 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^{scid} Il2rg^{tm1Wjl} /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

Area populated: 13-Mar-20

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