



Animal Health Monitoring Report

Isolator reared

NOD.Cg-Rag1^{tm1Mom} Il2rg^{tm1Wjl}/SzJArc

Date report issued: 01-Oct-20

[JAX Stock No: 007799](#)

NRG

Report covers the following isolators:

Strains present in isolator:

Strain of animal tested:

RI 29

NOD.Cg-Rag1^{tm1Mom} Il2rg^{tm1Wjl}/SzJArc

NOD.Cg-Rag1^{tm1Mom} Il2rg^{tm1Wjl}/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 (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.¹
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*, *Spironucleus muris*, *Tritrichomonas muris*, *Entamoeba muris*

ORGANISMS MONITORED BUT NOT EXCLUDED:

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

	Mouse			Testing methods	Testing Frequency
	Last Test Date	Results	Past 18 Months		
Mouse Hepatitis Virus	27-Aug-20	0 / 1	0 / 6	E	q
Minute Virus of Mice	27-Aug-20	0 / 1	0 / 6	E	q
Mouse Parvovirus	27-Aug-20	0 / 1	0 / 6	E	q
Murine Rotavirus (EDIM)	27-Aug-20	0 / 1	0 / 6	E	q
Mouse Norovirus	27-Aug-20	0 / 1	0 / 6	E	q
Theiler's Encephalomyelitis Virus (GD VII)	27-Aug-20	0 / 1	0 / 6	E	q
Pneumonia Virus of Mice	27-Aug-20	0 / 1	0 / 6	E	q
Murine Cytomegalovirus	27-Aug-20	0 / 1	0 / 6	E	q
Sendai Virus	27-Aug-20	0 / 1	0 / 6	E	q
Mouse Adenovirus Type 1 & 2	27-Aug-20	0 / 1	0 / 6	E	q
Lymphocytic Choriomeningitis Virus	27-Aug-20	0 / 1	0 / 6	E	q
Hantaan (Korean Haemorrhagic Fever)	27-Aug-20	0 / 1	0 / 6	E	q
Ectromelia (Mousepox) Virus	27-Aug-20	0 / 1	0 / 6	E	q
Reovirus -3	27-Aug-20	0 / 1	0 / 6	E	q
Polyoma virus	27-Aug-20	0 / 1	0 / 6	E	q
K Virus	27-Aug-20	0 / 1	0 / 6	E	q
Lactic Dehydrogenase Elevating virus	27-Aug-20	0 / 1	0 / 6	E	q
Mouse Thymic Virus	27-Aug-20	0 / 1	0 / 6	E	q
Bacteria and Fungi					
<i>CAR bacillus</i>	27-Aug-20	0 / 1	0 / 6	E	q
<i>Clostridium piliforme</i>	27-Aug-20	0 / 1	0 / 6	E	q
<i>Mycoplasma pulmonis</i>	27-Aug-20	0 / 1	0 / 6	E	q
<i>Helicobacter</i> spp. ¹	26-Aug-20	0 / 10	0 / 52	H	q
<i>Salmonella</i> spp.	26-Aug-20	0 / 10	0 / 52	CH	q
<i>Pasteurella pneumotropica</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Streptococcus pneumoniae</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Bordetella bronchiseptica</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Corynebacterium kutscheri</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Streptobacillus moniliformis</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Pneumocystis murina</i>	26-Feb-20	0 / 3	0 / 4	HE	a
Parasites and Protozoa					
<i>Encephalitozoon cuniculi</i>	27-Aug-20	0 / 1	0 / 6	EH	q
Arthropods (Fur mites, lice, fleas)	26-Aug-20	0 / 10	0 / 51	BH	q
Nematodes (pinworms)	26-Aug-20	0 / 10	0 / 52	FGH	q
Cestodes	26-Aug-20	0 / 10	0 / 52	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spironucleus muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	26-Aug-20	0 / 10	0 / 52	FH	q
ORGANISMS MONITORED BUT NOT EXCLUDED:					
<i>Staphylococcus aureus</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Klebsiella oxytoca</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Klebsiella pneumoniae</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Pseudomonas aeruginosa</i>	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	26-Aug-20	0 / 10	0 / 52	DH	q
<i>Citrobacter rodentium</i>	26-Aug-20	0 / 10	0 / 52	CH	q
<i>Corynebacterium bovis</i>	26-Feb-20	0 / 2	0 / 12	H	a
Mouse Kidney Parvovirus	26-Feb-20	0 / 2	0 / 2	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-Rag1^{tm1Mom} Il2rg^{tm1Wjl}/SzJArc 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

Area populated: 28 July 2017

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