



# Animal Health Monitoring Report

Isolator reared

NOD.Cg-Rag1<sup>tm1Mom</sup> //2rg<sup>tm1Wjl</sup>/SzJArc

Date report issued: 22-Dec-21

JAX Stock No: 007799

NRG

Report covers the following isolators:

Strains present in isolator:

Strain of animal tested:

RI 29

NOD.Cg-Rag1<sup>tm1Mom</sup> //2rg<sup>tm1Wjl</sup>/SzJArc

NOD.Cg-Rag1<sup>tm1Mom</sup> //2rg<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 (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*, *Spirotrichomonas muris*, *Trichomonas 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		
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
CAR bacillus	22-Nov-21	0 / 1	0 / 6	E q
<i>Clostridium piliforme</i>	22-Nov-21	0 / 1	0 / 6	E q
<i>Mycoplasma pulmonis</i>	22-Nov-21	0 / 1	0 / 6	E q
<i>Helicobacter</i> spp. <sup>1</sup>	22-Nov-21	0 / 10	0 / 52	H q
<i>Salmonella</i> spp.	22-Nov-21	0 / 10	0 / 52	CH q
<i>Pasteurella pneumotropica</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Streptococcus pneumoniae</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Bordetella bronchiseptica</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Corynebacterium kutscheri</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Streptobacillus moniliformis</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Pneumocystis murina</i>	24-Feb-21	0 / 3	0 / 3	HE a
<i>Encephalitozoon cuniculi</i>	22-Nov-21	0 / 1	0 / 6	EH 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: <i>Giardia muris</i> , <i>Spirotrichomonas muris</i> , <i>Trichomonas muris</i> , <i>Entamoeba muris</i>	22-Nov-21	0 / 10	0 / 52	FH q
<i>Staphylococcus aureus</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Klebsiella oxytoca</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Klebsiella pneumoniae</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Pseudomonas aeruginosa</i>	22-Nov-21	0 / 10	0 / 52	DH q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	22-Nov-21	0 / 10	0 / 52	DH q
<i>Citrobacter rodentium</i>	22-Nov-21	0 / 10	0 / 52	CH q
<i>Corynebacterium bovis</i>	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.Cg-Rag1<sup>tm1Mom</sup> //2rg<sup>tm1Wjl</sup>/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](http://www.arc.wa.gov.au)

Area populated: 28 July 2017  
Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager