Animal Health Monitoring Report

Isolator reared

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

Date report issued: 09-Mar-22

JAX Stock No: 005557 **NSG**

Report covers the following isolators: RI 04 and RI 24
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

	Mouse				
Viruses	**Last Test Date**	**Results**	**Past 18 Months**	**Testing method**	**Testing frequency**
Mouse Hepatitis Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Minute Virus of Mice	**21-Feb-22**	0 / 2	0 / 21	E	q
Mouse Parvovirus	**21-Feb-22**	0 / 2	0 / 21	E	q
Murine Rotavirus (EDIM)	**21-Feb-22**	0 / 2	0 / 21	E	q
Mouse Norovirus	**21-Feb-22**	0 / 2	0 / 21	E	q
Theiler's Encephalomyelitis Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Pneumonia Virus of Mice	**21-Feb-22**	0 / 2	0 / 21	E	q
Murine Cytomegalovirus	**21-Feb-22**	0 / 2	0 / 21	E	q
Sendai Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Mouse Adenovirus Type 1 & 2	**21-Feb-22**	0 / 2	0 / 21	E	q
Lymphocytic Choriomeningitis Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Hantaan (Korean Haemorrhagic Fever)	**21-Feb-22**	0 / 2	0 / 21	E	q
Ectromelia (Mousepox) Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Reovirus -3	**21-Feb-22**	0 / 2	0 / 21	E	q
Polyoma Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
K Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Lactate Dehydrogenase Elevating Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Mouse Thymic Virus	**21-Feb-22**	0 / 2	0 / 21	E	q
Bacteria and Fungi					
CAR bacillus	**21-Feb-22**	0 / 2	0 / 21	E	q
Clostridium piliforme	**21-Feb-22**	0 / 2	0 / 21	E	q
Mycoplasma pulmonis	**21-Feb-22**	0 / 2	0 / 21	E	q
Helicobacter spp.[1]	**21-Feb-22**	0 / 6	0 / 90	H	q
Salmonella spp.	**21-Feb-22**	0 / 6	0 / 90	CH	q
Streptococcus pneumoniae	**21-Feb-22**	0 / 6	0 / 90	DH	q
Pasteurella pneumotropica	**21-Feb-22**	0 / 6	0 / 90	DH	q
Bordetella bronchiseptica	**21-Feb-22**	0 / 6	0 / 90	DH	q
Corynebacterium kutscheri	**21-Feb-22**	0 / 6	0 / 90	DH	q
Streptobacillus moniliformis	**21-Feb-22**	0 / 6	0 / 90	DH	q
Pneumocystis murina	**21-Feb-22**	0 / 6	0 / 12	HE	a
Parasites and Protozoa					
Arthropods (Fur mites, lice, fleas)	**21-Feb-22**	0 / 2	0 / 84	BH	q
Nematodes (pinworms)	**21-Feb-22**	0 / 6	0 / 90	FGH	q
Cestodes	**21-Feb-22**	0 / 6	0 / 90	FGH	q
Protozoa:*Giardia muris, Spironucleus muris, Tritrichomonas muris, Entamoeba muris*	**21-Feb-22**	0 / 6	0 / 90	FH	q
Encephalitozoon cuniculi	**21-Feb-22**	0 / 2	0 / 21	E	q
ORGANISMS MONITORED BUT NOT EXCLUDED:					
Staphylococcus aureus	**21-Feb-22**	0 / 6	0 / 90	DH	q
Streptococcus sp. beta hemolytic Groups A, B, C or G	**21-Feb-22**	0 / 6	0 / 90	DH	q
Klebsiella oxytoca	**21-Feb-22**	0 / 6	0 / 90	CH	q
Klebsiella pneumoniae	**21-Feb-22**	0 / 6	0 / 90	CH	q
Citrobacter rodentium	**21-Feb-22**	0 / 6	0 / 90	CH	q
Pseudomonas aeruginosa	**21-Feb-22**	0 / 6	0 / 90	CH	q
Corynebacterium bovis	**21-Feb-22**	0 / 6	0 / 10	H	a
Mouse Kidney Parvovirus	**21-Feb-22**	0 / 2	0 / 26	HE	q

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

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