



Animal Health Monitoring Report

Isolator reared

C.B-17/lcrHanHsd-Prkdc^{scid}/Arc

Date report issued: 22-Dec-21

Report covers the following isolators:

Strains present in isolator:

Strain of animal tested:

RI 27

C.B-17/lcrHanHsd-Prkdc^{scid}/Arc

C.B-17/lcrHanHsd-Prkdc^{scid}/Arc and 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, Spiroplasma 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
Cytobacter rodentium
Corynebacterium bovis
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Test method	Test frequency
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
Bacteria and Fungi					
CAR bacillus	22-Nov-21	0 / 1	0 / 6	E	q
Clostridium piliforme	22-Nov-21	0 / 1	0 / 6	E	q
Mycoplasma pulmonis	22-Nov-21	0 / 1	0 / 6	E	q
Helicobacter spp. ¹	22-Nov-21	0 / 10	0 / 52	H	q
Salmonella spp.	22-Nov-21	0 / 10	0 / 52	CH	q
Pasteurella pneumotropica	22-Nov-21	0 / 10	0 / 52	DH	q
Streptococcus pneumoniae	22-Nov-21	0 / 10	0 / 52	DH	q
Bordetella bronchiseptica	22-Nov-21	0 / 10	0 / 52	DH	q
Corynebacterium kutscheri	22-Nov-21	0 / 10	0 / 52	DH	q
Streptobacillus moniliformis	22-Nov-21	0 / 10	0 / 52	DH	q
Pneumocystis murina	24-Feb-21	0 / 3	0 / 3	HE	a
Parasites and Protozoa					
Encephalitozoon cuniculi	22-Nov-21	0 / 1	0 / 6	E	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: Giardia muris, Spiroplasma muris, Tritrichomonas muris, Entamoeba muris	22-Nov-21	0 / 10	0 / 52	FH	q
ORGANISMS MONITORED BUT NOT EXCLUDED:					
Staphylococcus aureus	22-Nov-21	0 / 10	0 / 52	DH	q
Klebsiella oxytoca	22-Nov-21	0 / 10	0 / 52	DH	q
Klebsiella pneumoniae	22-Nov-21	0 / 10	0 / 52	DH	q
Pseudomonas aeruginosa	22-Nov-21	0 / 10	0 / 52	DH	q
Streptococcus sp. beta hemolytic Groups A, B, C or G	22-Nov-21	0 / 10	0 / 52	DH	q
Cytobacter rodentium	22-Nov-21	0 / 10	0 / 52	CH	q
Corynebacterium bovis	24-Feb-21	0 / 2	0 / 2	H	a
Mouse Kidney Parvovirus	26-May-21	0 / 10	0 / 12	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 C.B-17/lcrHanHsd-Prkdc^{scid}/Arc rack isolator 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/MF/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: 13-Nov-20
Report reviewed by: Dr. Barry Savage BSc BVMS (Hons.) Veterinary Services Manager