



Animal Health Monitoring Report

Barrier Area: 2 (Rat)

Date report issued: 11-May-22

ORGANISMS MONITORED AND EXCLUDED:

Viruses

Pneumonia Virus of Mice
Rat Theilovirus
Sendai Virus
Mouse Adenovirus Type 1 & 2
Sialodacryoadenitis/ Rat Corona Virus
Rat Parvoviruses (RPV, RMV, KRV, H1)**
Lymphocytic Choriomeningitis Virus
Hantaan (Korean Haemorrhagic Fever)
Reovirus -3
Rat Rotavirus

Bacteria & Fungi

CAR bacillus
Clostridium piliforme
Mycoplasma pulmonis
Helicobacter spp.*
Streptococcus pneumoniae
Pasteurella pneumotropica
Salmonella spp.
Bordetella bronchiseptica
Corynebacterium kutscheri
Streptobacillus moniliformis

Parasites and Protozoa

Arthropods (Fur mites, lice, fleas)
Nematodes (pinworms)
Cestodes
Protozoa: *Giardia muris*, *Spiroplasma muris*, *Tritrichomonas muris*, *Entamoeba muris*
Encephalitozoon cuniculi

ORGANISMS MONITORED BUT NOT EXCLUDED:

*Pneumocystis carinii*¹
*Staphylococcus aureus*²
Streptococcus sp. beta hemolytic Groups A, B, C and G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa

	Rat				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Pneumonia Virus of Mice	21-Apr-22	0 / 2	0 / 12	E	q
Rat Theilovirus	21-Apr-22	0 / 2	0 / 12	E	q
Sendai Virus	21-Apr-22	0 / 2	0 / 12	E	q
Mouse Adenovirus Type 1 & 2	21-Apr-22	0 / 2	0 / 12	E	q
Sialodacryoadenitis/ Rat Corona Virus	21-Apr-22	0 / 2	0 / 12	E	q
Rat Parvoviruses (RPV, RMV, KRV, H1)**	21-Apr-22	0 / 2	0 / 12	E	q
Lymphocytic Choriomeningitis Virus	21-Apr-22	0 / 2	0 / 12	E	q
Hantaan (Korean Haemorrhagic Fever)	12-Jan-22	0 / 2	0 / 4	E	a
Reovirus -3	12-Jan-22	0 / 2	0 / 4	E	a
Rat Rotavirus	12-Jan-22	0 / 2	0 / 4	E	a
Bacteria & Fungi					
CAR bacillus	21-Apr-22	0 / 2	0 / 12	E	q
Clostridium piliforme	21-Apr-22	0 / 2	0 / 12	E	q
Mycoplasma pulmonis	21-Apr-22	0 / 2	0 / 12	E	q
Helicobacter spp.*	21-Apr-22	0 / 10	0 / 44	H	q
Streptococcus pneumoniae	21-Apr-22	0 / 10	0 / 44	DH	q
Pasteurella pneumotropica	21-Apr-22	0 / 10	0 / 44	DH	q
Salmonella spp.	12-Jan-22	0 / 2	0 / 4	CH	a
Bordetella bronchiseptica	12-Jan-22	0 / 2	0 / 4	DH	a
Corynebacterium kutscheri	12-Jan-22	0 / 2	0 / 4	DH	a
Streptobacillus moniliformis	12-Jan-22	0 / 2	0 / 4	DH	a
Parasites and Protozoa					
Arthropods (Fur mites, lice, fleas)	21-Apr-22	0 / 10	0 / 43	BH	q
Nematodes (pinworms)	21-Apr-22	0 / 10	0 / 44	FGH	q
Cestodes	21-Apr-22	0 / 10	0 / 44	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	21-Apr-22	0 / 10	0 / 44	FH	q
<i>Encephalitozoon cuniculi</i>	21-Apr-22	0 / 2	0 / 12	E	q
ORGANISMS MONITORED BUT NOT EXCLUDED:					
<i>Pneumocystis carinii</i> ¹	21-Apr-22	2 / 2	10 / 12	E	q
<i>Staphylococcus aureus</i> ²	21-Apr-22	10 / 10	44 / 44	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C and G	21-Apr-22	0 / 10	0 / 44	DH	q
<i>Klebsiella oxytoca</i>	12-Jan-22	0 / 2	0 / 4	CH	a
<i>Klebsiella pneumoniae</i>	12-Jan-22	0 / 2	0 / 4	CH	a
<i>Citrobacter rodentium</i>	12-Jan-22	0 / 2	0 / 4	CH	a
<i>Pseudomonas aeruginosa</i>	12-Jan-22	0 / 2	0 / 4	CH	a

Notes:

¹ For any queries about *Pneumocystis carinii*, please contact Animal Resources Centre Email: info@arc.wa.gov.au Phone: +61 8 9332 5033

² *Staphylococcus aureus* is an opportunistic agent. Finding *S.aureus* as a component of the normal flora of a healthy laboratory rodent is of minimal significance. Generally, colonisation of a healthy, asymptomatic animal with *S.aureus* does not affect its suitability for use in research, surgery or teaching.

* *Helicobacter* species tested includes *H.hepaticus*, *H.bilis*, *H.rodentium*, *H.ganmani*, *H.mastomyrinus* and *H.typhlonius*.

** Rat parvoviruses tested include RPV, RMV, KRV and H1. RPV = Rat parvovirus RMV = Rat minute virus KRV = Killham rat virus H1= Toolhan's H1 virus

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: Transferred into Area 2 on 2 December 2021

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