



Animal Health Monitoring Report

Barrier Area: **4b (Rat)**

Date report issued: **08-Jun-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 and 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
 Staphylococcus aureus¹
 Streptococcus sp. beta hemolytic Groups A, B or C
 Klebsiella oxytoca
 Klebsiella pneumoniae
 Citrobacter rodentium
 Pseudomonas aeruginosa

Last Test Date	Rat		Testing method	Testing frequency
	Results	Past 18 Months		
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
08-Feb-22	0 / 8	0 / 16	E	a
08-Feb-22	0 / 8	0 / 16	E	a
08-Feb-22	0 / 8	0 / 16	E	a
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 40	0 / 142	H	q
04-May-22	0 / 40	0 / 142	DH	q
04-May-22	0 / 40	0 / 142	DH	q
08-Feb-22	0 / 8	0 / 42	CH	a
08-Feb-22	0 / 8	0 / 42	DH	a
08-Feb-22	0 / 8	0 / 42	DH	a
08-Feb-22	0 / 8	0 / 42	DH	a
04-May-22	0 / 40	0 / 135	BH	q
04-May-22	0 / 40	0 / 138	FGH	q
04-May-22	0 / 40	0 / 138	FGH	q
04-May-22	0 / 40	0 / 138	FH	q
04-May-22	0 / 8	0 / 36	E	q
04-May-22	0 / 8	0 / 36	HE	q
04-May-22	40 / 40	58 / 142	DH	q
04-May-22	0 / 40	0 / 142	DH	q
08-Feb-22	0 / 8	0 / 42	CH	a
08-Feb-22	0 / 8	0 / 42	CH	a
08-Feb-22	0 / 8	0 / 42	CH	a
08-Feb-22	0 / 8	0 / 42	CH	a

Notes:

¹ This agent is an opportunistic agent. Finding it as a component of the normal flora of a healthy laboratory rodent is of minimal significance. Generally, colonisation of a healthy, asymptomatic animal with this agent does not affect its suitability for use in research, surgery or teaching. Samples are pooled PCR. For more information, please contact Animal Resources Centre + 61 8 9332 5033

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

** Rat parvoviruses tested include PRV, RMV, KRV and H1. RPV = Rat parvovirus RMV = Rat minute virus KRV = Kilham 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 on pooled samples. 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: 04-Nov-20

For strains in area refer to www.arc.wa.gov.au → Quick Links → Strain Location Health Report → ARC Strains held in each Production Area

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