



## Animal Health Monitoring Report

Barrier Area: 4b (Rat)

Date report issued: 24-Aug-22

### ORGANISMS MONITORED AND EXCLUDED

#### Viruses

Pneumonia Virus of Mice	02-Aug-22	0 / 10	0 / 38	E	q
Rat Theilovirus	02-Aug-22	0 / 10	0 / 38	E	q
Sendai Virus	02-Aug-22	0 / 10	0 / 38	E	q
Mouse Adenovirus Type 1 & 2	02-Aug-22	0 / 10	0 / 38	E	q
Sialodacryoadenitis/ Rat Corona Virus	02-Aug-22	0 / 10	0 / 38	E	q
Rat Parvoviruses (RPV, RMV, KRV, H1)**	02-Aug-22	0 / 10	0 / 38	E	q
Lymphocytic Choriomeningitis Virus	02-Aug-22	0 / 10	0 / 38	E	q
Hantaan (Korean Haemorrhagic Fever)	08-Feb-22	0 / 8	0 / 8	E	a
Reovirus -3	08-Feb-22	0 / 8	0 / 8	E	a
Rat Rotavirus	08-Feb-22	0 / 8	0 / 8	E	a

#### Bacteria and Fungi

CAR bacillus	02-Aug-22	0 / 10	0 / 38	E	q
Clostridium piliforme <sup>2</sup>	05-Aug-22	0 / 52	0 / 130	EH	q
Mycoplasma pulmonis	02-Aug-22	0 / 10	0 / 38	E	q
Helicobacter spp. *	02-Aug-22	0 / 50	0 / 158	H	q
Streptococcus pneumoniae	02-Aug-22	0 / 50	0 / 158	DH	q
Pasteurella pneumotropica	02-Aug-22	0 / 50	0 / 158	DH	q
Salmonella spp.	08-Feb-22	0 / 8	0 / 8	CH	a
Bordetella bronchiseptica	08-Feb-22	0 / 8	0 / 8	DH	a
Corynebacterium kutscheri	08-Feb-22	0 / 8	0 / 8	DH	a
Streptobacillus moniliformis	08-Feb-22	0 / 8	0 / 8	DH	a

#### Parasites and Protozoa

Arthropods (Fur mites, lice, fleas)	02-Aug-22	0 / 50	0 / 154	BH	q
Nematodes (pinworms)	02-Aug-22	0 / 50	0 / 154	FGH	q
Cestodes	02-Aug-22	0 / 50	0 / 154	FGH	q
Protozoa: Giardia muris, Spironucleus muris, Tritrichomonas muris, Entamoeba muris	02-Aug-22	0 / 50	0 / 154	FH	q
Encephalitozoon cuniculi	02-Aug-22	0 / 10	0 / 38	E	q

#### ORGANISMS MONITORED BUT NOT EXCLUDED:

Pneumocystis carinii	02-Aug-22	0 / 10	0 / 38	HE	q
Staphylococcus aureus <sup>1</sup>	02-Aug-22	50 / 50	108 / 158	DH	q
Streptococcus sp. beta hemolytic Groups A, B or C	02-Aug-22	0 / 50	0 / 158	DH	q
Klebsiella oxytoca <sup>1</sup>	04-May-22	20 / 40	20 / 48	CH	a
Klebsiella pneumoniae	08-Feb-22	0 / 8	0 / 8	CH	a
Citrobacter rodentium	08-Feb-22	0 / 8	0 / 8	CH	a
Pseudomonas aeruginosa	08-Feb-22	0 / 8	0 / 8	CH	a

#### Notes:

<sup>1</sup> These agents are opportunistic agents. Finding them 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

<sup>2</sup> This agent was detected in old area 4a rats in June 2022. Area 4a and 4b are completely separate SPF barrier areas where 4a received outbred rat stock from area 4b. Area 4a has been depopulated since then. Area 4b animals will undergo monthly screening for C. piliforme till December, in addition to routine quarterly and annual testing for other agents on the animal health monitoring report. 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](http://www.arc.wa.gov.au)

Area populated: 04-Nov-20

For strains in area refer to [www.arc.wa.gov.au](http://www.arc.wa.gov.au) → Quick Links → Strain Location Health Report → ARC Strains held in each Production Area

Report reviewed by: Dr. Kirsty Moynihan A/CEO