



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **02-Feb-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	10-Jan-22	0 / 12	0 / 360	EH	m
Minute Virus of Mice	10-Jan-22	0 / 12	0 / 360	EH	m
Mouse Parvovirus	10-Jan-22	0 / 12	0 / 360	EH	m
Murine Rotavirus (EDIM)	10-Jan-22	0 / 12	0 / 360	EH	m
Mouse Norovirus	10-Jan-22	0 / 12	0 / 72	E	q
Theiler's Encephalomyelitis Virus	10-Jan-22	0 / 12	0 / 72	E	q
Pneumonia Virus of Mice	10-Jan-22	0 / 12	0 / 72	E	q
Murine Cytomegalovirus	10-Jan-22	0 / 12	0 / 72	E	q
Sendai Virus	10-Jan-22	0 / 12	0 / 72	E	q
Mouse Adenovirus Type 1 & 2	10-Jan-22	0 / 12	0 / 72	E	q
Lymphocytic Choriomeningitis Virus	10-Jan-22	0 / 12	0 / 72	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 24	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 24	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 24	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 24	E	a
K Virus	10-Jan-22	0 / 12	0 / 24	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 24	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 24	E	a
Bacteria and Fungi					
<i>CAR bacillus</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Clostridium piliforme</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Mycoplasma pulmonis</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Helicobacter</i> spp.*	10-Jan-22	0 / 12	0 / 264	H	q
<i>Streptococcus pneumoniae</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Pasteurella pneumotropica</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 24	E	a
Parasites and Protozoa					
Arthropods (Fur mites, lice, fleas)	10-Jan-22	0 / 12	0 / 258	BH	q
Nematodes (pinworms)	10-Jan-22	0 / 12	0 / 264	FGH	q
Cestodes	10-Jan-22	0 / 12	0 / 264	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	10-Jan-22	0 / 12	0 / 264	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 24	E	a
ORGANISMS MONITORED BUT NOT EXCLUDED:					
<i>Staphylococcus aureus</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 24	CH	a
Mouse Kidney Parvovirus	10-Jan-22	0 / 12	0 / 84	HE	q

Notes:

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

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 3a on 27/08/2021

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

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxbioanalytics@idexx.com

www.idxbioanalytics.com

IDEXX BioAnalytics Case # 101419-2022

Received Date: 1/21/2022

Client Case # Case 1

Completed: 1/27/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: Arc:NIH/S; BALB/cArc; BCB6F1;
 C57BL/10ScSn-Dmdmdx/
 Description: Dry Oral Swab; Feces; Opti-Spot; Pelt
 Swab; Opti-Spot strip(s)
 Number of Specimens/Animals: 18
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	DBA/2JArc	10/1/2022	OS	1	1
49-2	49	mouse	DBA/2JArc	10/1/2022	OS	1	1
52-1	52	mouse	BCB6F1	10/1/2022	OS	1	1
52-2	52	mouse	BCB6F1	10/1/2022	OS	1	1
54-1	54	mouse	BALB/cArc	10/1/2022	OS	1	1
54-2	54	mouse	BALB/cArc	10/1/2022	OS	1	1
56-1	56	mouse	Arc:NIH/S	10/1/2022	OS	1	1
56-2	56	mouse	Arc:NIH/S	10/1/2022	OS	1	1
58-1	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	10/1/2022	OS	1	1
58-2	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	10/1/2022	OS	1	1
60-1	60	mouse	C57BL/6JArc	10/1/2022	OS	1	1
60-2	60	mouse	C57BL/6JArc	10/1/2022	OS	1	1
49-FP,DOS,FS	49	mouse	DBA/2JArc	10/1/2022	FP,DOS,FS	2	3
52-FP,DOS,FS	52	mouse	BCB6F1	10/1/2022	FP,DOS,FS	2	3
54-FP,DOS,FS	54	mouse	BALB/cArc	10/1/2022	FP,DOS,FS	2	3
56-FP,DOS,FS	56	mouse	Arc:NIH/S	10/1/2022	FP,DOS,FS	2	3

Client ID	Room #	Species	Strain /Breed				
58-FP,DOS,FS	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	10/1/2022	FP,DOS,FS	2	3
60-FP,DOS,FS	60	mouse	C57BL/6JArc	10/1/2022	FP,DOS,FS	2	3

Services/Tests Performed: *Corynebacterium bovis* (13-18); Segmented filamentous bacterium (13-18); *Ornithonyssus* spp. (13-18); *Pneumocystis murina* (1-12); ARC M-Annual Panel (1-12); ARC Annual PCR Panel (13-18); *Demodex musculi* (13-18); *Proteus mirabilis* (13-18); *Staphylococcus xylosus* (13-18); MKPV (13-18); MuAstV (1-12)

Serologic evaluation for antibodies to: *Clostridium piliforme*, *Mycoplasma pulmonis*, *Pneumocystis murina*, CAR bacillus, Ectromelia, EDIM, Hantaan, K virus, LCMV, LDEV, MAV1, MAV2, MCMV, MHV, MKPV, MNV, MPV, MTV, MuAstV, MVM, Polyoma, PVM, REO3, Sendai, TMEV, *Encephalitozoon cuniculi*

PCR evaluation for: *Aspiculuris tetraptera*, *Bordetella bronchiseptica*, *Citrobacter rodentium*, *Corynebacterium bovis*, *Corynebacterium kutscheri*, *Cryptosporidium* spp., *Demodex musculi*, *Entamoeba muris*, *Giardia muris*, *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter* spp., *Helicobacter typhlonius*, *Hymenolepis diminuta*, *Klebsiella oxytoca*, *Klebsiella pneumoniae*, Mouse kidney parvovirus (MKPV), *Myocoptes*, *Ornithonyssus* spp., *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Proteus mirabilis*, *Pseudomonas aeruginosa*, *Radfordia/Myobia*, *Rodentolepis nana*, *Salmonella* spp., Segmented filamentous bacterium, *Spironucleus muris*, *Staphylococcus aureus*, *Staphylococcus xylosus*, *Streptobacillus moniliformis*, *Streptococcus pneumoniae*, *Streptococcus* sp. beta hemolytic Group A, *Streptococcus* sp. beta hemolytic Group B, *Streptococcus* sp. beta hemolytic Group C, *Streptococcus* sp. beta hemolytic Group G, *Syphacia muris*, *Syphacia obvelata*, *Tritrichomonas muris*

General Comments: Tracking: 775750791564

Summary: Antibodies to MuAstV were detected by MFI in multiple samples.

Positive results were found for the following PCR agents:

Segmented filamentous bacterium

Staphylococcus xylosus

Please see the report for details.

SEROLOGY SUMMARY

	49-1	49-2	52-1
MTV	-	-	-
CAR bacillus	-	-	-
<i>Encephalitozoon cuniculi</i>	-	-	-
Ectromelia	-	-	-
EDIM	-	-	-
Hantaan	-	-	-
K virus	-	-	-
LCMV	-	-	-
LDEV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MuAstV	+	+	+
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
<i>Pneumocystis murina</i>	-	-	-
Polyoma	-	-	-
PVM	-	-	-
REO3	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	52-2	54-1	54-2
MTV	-	-	-
CAR bacillus	-	-	-
<i>Encephalitozoon cuniculi</i>	-	-	-
Ectromelia	-	-	-
EDIM	-	-	-
Hantaan	-	-	-
K virus	-	-	-
LCMV	-	-	-
LDEV	-	-	-

	52-2	54-1	54-2
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MuAstV	+	+	+
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
<i>Pneumocystis murina</i>	-	-	-
Polyoma	-	-	-
PVM	-	-	-
REO3	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	56-1	56-2	58-1
MTV	-	-	-
CAR bacillus	-	-	-
<i>Encephalitozoon cuniculi</i>	-	-	-
Ectromelia	-	-	-
EDIM	-	-	-
Hantaan	-	-	-
K virus	-	-	-
LCMV	-	-	-
LDEV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MuAstV	+	+	+
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
<i>Pneumocystis murina</i>	-	-	-
Polyoma	-	-	-

	56-1	56-2	58-1
PVM	-	-	-
REO3	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	58-2	60-1	60-2
MTV	-	-	-
CAR bacillus	-	-	-
<i>Encephalitozoon cuniculi</i>	-	-	-
Ectromelia	-	-	-
EDIM	-	-	-
Hantaan	-	-	-
K virus	-	-	-
LCMV	-	-	-
LDEV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MuAstV	+	+	+
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
<i>Pneumocystis murina</i>	-	-	-
Polyoma	-	-	-
PVM	-	-	-
REO3	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Klebsiella oxytoca</i>	-	-	-
<i>Klebsiella pneumoniae</i>	-	-	-
<i>Citrobacter rodentium</i>	-	-	-
<i>Cryptosporidium</i> spp.	-	-	-
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-
Mouse kidney parvovirus (MKPV)	-	-	-
<i>Proteus mirabilis</i>	-	-	-
<i>Pseudomonas aeruginosa</i>	-	-	-
<i>Salmonella</i> spp.	-	-	-
Segmented filamentous bacterium	-	-	+
<i>Staphylococcus xylosus</i>	+	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spiroplasma muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspiculuris tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

feces	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Klebsiella oxytoca</i>	-	-	-
<i>Klebsiella pneumoniae</i>	-	-	-
<i>Citrobacter rodentium</i>	-	-	-
<i>Cryptosporidium</i> spp.	-	-	-
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-

feces	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
Mouse kidney parvovirus (MKPV)	-	-	-
<i>Proteus mirabilis</i>	-	-	-
<i>Pseudomonas aeruginosa</i>	-	-	-
<i>Salmonella</i> spp.	-	-	-
Segmented filamentous bacterium	+	+	+
<i>Staphylococcus xylosus</i>	-	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spirochete muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspicularis tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Bordetella bronchiseptica</i>	-	-	-
<i>Corynebacterium kutscheri</i>	-	-	-
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptobacillus moniliformis</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

oral swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Bordetella bronchiseptica</i>	-	-	-
<i>Corynebacterium kutscheri</i>	-	-	-
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptobacillus moniliformis</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-

oral swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

pelt swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Corynebacterium bovis</i>	-	-	-
<i>Mycocptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-
<i>Demodex musculi</i>	-	-	-
<i>Ornithonyssus</i> spp.	-	-	-

pelt swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Corynebacterium bovis</i>	-	-	-
<i>Mycocptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-
<i>Demodex musculi</i>	-	-	-
<i>Ornithonyssus</i> spp.	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **09-Mar-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	07-Feb-22	0 / 36	0 / 360	EH	m
Minute Virus of Mice	07-Feb-22	0 / 36	0 / 360	EH	m
Mouse Parvovirus	07-Feb-22	0 / 36	0 / 360	EH	m
Murine Rotavirus (EDIM)	07-Feb-22	0 / 36	0 / 360	EH	m
Mouse Norovirus	10-Jan-22	0 / 12	0 / 72	E	q
Theiler's Encephalomyelitis Virus	10-Jan-22	0 / 12	0 / 72	E	q
Pneumonia Virus of Mice	10-Jan-22	0 / 12	0 / 72	E	q
Murine Cytomegalovirus	10-Jan-22	0 / 12	0 / 72	E	q
Sendai Virus	10-Jan-22	0 / 12	0 / 72	E	q
Mouse Adenovirus Type 1 & 2	10-Jan-22	0 / 12	0 / 72	E	q
Lymphocytic Choriomeningitis Virus	10-Jan-22	0 / 12	0 / 72	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 24	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 24	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 24	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 24	E	a
K Virus	10-Jan-22	0 / 12	0 / 24	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 24	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 24	E	a
<i>CAR bacillus</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Clostridium piliforme</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Mycoplasma pulmonis</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Helicobacter</i> spp.*	10-Jan-22	0 / 12	0 / 264	H	q
<i>Streptococcus pneumoniae</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Pasteurella pneumotropica</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 24	E	a
Arthropods (Fur mites, lice, fleas)	10-Jan-22	0 / 12	0 / 258	BH	q
Nematodes (pinworms)	10-Jan-22	0 / 12	0 / 264	FGH	q
Cestodes	10-Jan-22	0 / 12	0 / 264	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	10-Jan-22	0 / 12	0 / 264	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 24	E	a
<i>Staphylococcus aureus</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 24	CH	a
Mouse Kidney Parvovirus	10-Jan-22	0 / 12	0 / 84	HE	q

Notes:

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

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 3a on 27/08/2021

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. Bary Savage BSc BVMS (Hons.) Veterinary Services Manager

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 105235-2022

Received Date: 2/28/2022

Client Case # Case 2

Completed: 3/3/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.129P2-Apoetm1Unc/JArc; B6.SJL-
 PtpcrcaPepcb/BoyJA
 Description: Feces; Opti-Spot; Opti-Spot strip(s)
 Number of Specimens/Animals: 9
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49	49	mouse	B6.SJL- PtpcrcaPepcb/Boy JAr	7/02/2022	OS	1	1
52	52	mouse	C57BL/6JArc	7/02/2022	OS	1	1
54	54	mouse	B6D2F1	7/02/2022	OS	1	1
56	56	mouse	B6.129P2- Apoetm1Unc/JAr c	7/02/2022	OS	1	1
58	58	mouse	NOD/ShiLtJArc	7/02/2022	OS	1	1
60	60	mouse	C57BL/6JArc	7/02/2022	OS	1	1
49&52-FP	49 & 52	mouse	B6.SJL- PtpcrcaPepcb/Boy JAr & C57BL/6JArc	7/02/2022	FP	10	1
54&56-FP	54 & 56	mouse	B6D2F1 & B6.129P2- Apoetm1Unc/JAr c	7/02/2022	FP	10	1
58&60-FP	58 & 60	mouse	NOD/ShiLtJArc & C57BL/6JArc	7/02/2022	FP	10	1

Services/Tests Performed: ARC M-Monthly Panel (1-6); ARC M-Monthly PCR Panel (7-9)

Serologic evaluation for antibodies to: EDIM, MHV, MPV, MVM

PCR evaluation for: EDIM, MHV, MPV, MVM

General Comments: Tracking: 776079697555

Summary: All test results were negative.

SEROLOGY SUMMARY

	49	52	54	56	58
EDIM	-	-	-	-	-
MHV	-	-	-	-	-
MPV	-	-	-	-	-
MVM	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	60
EDIM	-
MHV	-
MPV	-
MVM	-
Mouse IgG	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49&52-FP	54&56-FP	58&60-FP
EDIM	-	-	-
MHV	-	-	-
MVM	-	-	-
MPV	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **30-Mar-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	08-Mar-22	0 / 12	0 / 360	EH	m
Minute Virus of Mice	08-Mar-22	0 / 12	0 / 360	EH	m
Mouse Parvovirus	08-Mar-22	0 / 12	0 / 360	EH	m
Murine Rotavirus (EDIM)	08-Mar-22	0 / 12	0 / 360	EH	m
Mouse Norovirus	10-Jan-22	0 / 12	0 / 72	E	q
Theiler's Encephalomyelitis Virus	10-Jan-22	0 / 12	0 / 72	E	q
Pneumonia Virus of Mice	10-Jan-22	0 / 12	0 / 72	E	q
Murine Cytomegalovirus	10-Jan-22	0 / 12	0 / 72	E	q
Sendai Virus	10-Jan-22	0 / 12	0 / 72	E	q
Mouse Adenovirus Type 1 & 2	10-Jan-22	0 / 12	0 / 72	E	q
Lymphocytic Choriomeningitis Virus	10-Jan-22	0 / 12	0 / 72	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 24	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 24	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 24	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 24	E	a
K Virus	10-Jan-22	0 / 12	0 / 24	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 24	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 24	E	a
<i>CAR bacillus</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Clostridium piliforme</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Mycoplasma pulmonis</i>	10-Jan-22	0 / 12	0 / 72	E	q
<i>Helicobacter</i> spp.*	10-Jan-22	0 / 12	0 / 264	H	q
<i>Streptococcus pneumoniae</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Pasteurella pneumotropica</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 24	E	a
Arthropods (Fur mites, lice, fleas)	10-Jan-22	0 / 12	0 / 258	BH	q
Nematodes (pinworms)	10-Jan-22	0 / 12	0 / 264	FGH	q
Cestodes	10-Jan-22	0 / 12	0 / 264	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	10-Jan-22	0 / 12	0 / 264	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 24	E	a
<i>Staphylococcus aureus</i>	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	10-Jan-22	0 / 12	0 / 264	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 24	CH	a
Mouse Kidney Parvovirus	10-Jan-22	0 / 12	0 / 84	HE	q

Notes:

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

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 3a on 27/08/2021

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

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 107267-2022

Received Date: 3/21/2022

Client Case # Case 1

Completed: 3/22/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.129P2-Apoetm1Unc/JArc; B6.SJL-
 PtpzcaPepcb/BoyJA
 Description: Opti-Spot; Opti-Spot strip(s)
 Number of Specimens/Animals: 12
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	B6.SJL- PtpzcaPepcb/Boy JAr	8/03/2022	OS	1	1
49-2	49	mouse	B6.SJL- PtpzcaPepcb/Boy JAr	8/03/2022	OS	1	1
52-1	52	mouse	C57BL/6JArc	8/03/2022	OS	1	1
52-2	52	mouse	C57BL/6JArc	8/03/2022	OS	1	1
54-1	54	mouse	B6D2F1	8/03/2022	OS	1	1
54-2	54	mouse	B6D2F1	8/03/2022	OS	1	1
56-1	56	mouse	B6.129P2- Apoetm1Unc/JAr c	8/03/2022	OS	1	1
56-2	56	mouse	B6.129P2- Apoetm1Unc/JAr c	8/03/2022	OS	1	1
58-1	58	mouse	NOD/ShiLtJArc	8/03/2022	OS	1	1
58-2	58	mouse	NOD/ShiLtJArc	8/03/2022	OS	1	1
60-1	60	mouse	C57BL/6JArc	8/03/2022	OS	1	1
60-2	60	mouse	C57BL/6JArc	8/03/2022	OS	1	1

Services/Tests Performed: ARC M-Monthly Panel (1-12)

Serologic evaluation for antibodies to: EDIM, MHV, MPV, MVM

General Comments: Tracking: 776283068550

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1	52-2	54-1	54-2	56-1	56-2	58-1	58-2
EDIM	-	-	-	-	-	-	-	-	-	-
MHV	-	-	-	-	-	-	-	-	-	-
MPV	-	-	-	-	-	-	-	-	-	-
MVM	-	-	-	-	-	-	-	-	-	-
Mouse IgG	N	N	N	N	N	N	N	N	N	N

	60-1	60-2
EDIM	-	-
MHV	-	-
MPV	-	-
MVM	-	-
Mouse IgG	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **27-Apr-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	06-Apr-22	0 / 12	0 / 360	EH	m
Minute Virus of Mice	06-Apr-22	0 / 12	0 / 360	EH	m
Mouse Parvovirus	06-Apr-22	0 / 12	0 / 360	EH	m
Murine Rotavirus (EDIM)	06-Apr-22	0 / 12	0 / 360	EH	m
Mouse Norovirus	06-Apr-22	0 / 12	0 / 72	E	q
Theiler's Encephalomyelitis Virus	06-Apr-22	0 / 12	0 / 72	E	q
Pneumonia Virus of Mice	06-Apr-22	0 / 12	0 / 72	E	q
Murine Cytomegalovirus	06-Apr-22	0 / 12	0 / 72	E	q
Sendai Virus	06-Apr-22	0 / 12	0 / 72	E	q
Mouse Adenovirus Type 1 & 2	06-Apr-22	0 / 12	0 / 72	E	q
Lymphocytic Choriomeningitis Virus	06-Apr-22	0 / 12	0 / 72	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 24	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 24	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 24	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 24	E	a
K Virus	10-Jan-22	0 / 12	0 / 24	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 24	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 24	E	a
<i>CAR bacillus</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Clostridium piliforme</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Mycoplasma pulmonis</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Helicobacter</i> spp.*	06-Apr-22	0 / 60	0 / 264	H	q
<i>Streptococcus pneumoniae</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Pasteurella pneumotropica</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 24	E	a
Arthropods (Fur mites, lice, fleas)	06-Apr-22	0 / 60	0 / 258	BH	q
Nematodes (pinworms)	06-Apr-22	0 / 60	0 / 264	FGH	q
Cestodes	06-Apr-22	0 / 60	0 / 264	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	06-Apr-22	0 / 60	0 / 264	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 24	E	a
<i>Staphylococcus aureus</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 24	CH	a
Mouse Kidney Parvovirus	06-Apr-22	0 / 12	0 / 96	HE	q

Notes:

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

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 3a on 27/08/2021

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. Bary Savage BSc BVMS (Hons.) Veterinary Services Manager

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 110102-2022

Received Date: 4/15/2022

Client Case # Case 5

Completed: 4/26/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.129P2-Apoetm1Unc/JArc; B6.SJL-PtprcaPepcb/BoyJA
 Description: Dry Oral Swab; Feces; Opti-Spot; Pelt Swab; Opti-Spot strip(s)
 Number of Specimens/Animals: 18
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	6/04/2022	OS	1	1
49-2	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	6/04/2022	OS	1	1
52-1	52	mouse	C57BL/6JArc	6/04/2022	OS	1	1
52-2	52	mouse	C57BL/6JArc	6/04/2022	OS	1	1
54-1	54	mouse	B6D2F1	6/04/2022	OS	1	1
54-2	54	mouse	B6D2F1	6/04/2022	OS	1	1
56-1	56	mouse	B6.129P2-Apoetm1Unc/JArc	6/04/2022	OS	1	1
56-2	56	mouse	B6.129P2-Apoetm1Unc/JArc	6/04/2022	OS	1	1
58-1	58	mouse	NOD/ShiLtJArc	6/04/2022	OS	1	1
58-2	58	mouse	NOD/ShiLtJArc	6/04/2022	OS	1	1
60-1	60	mouse	C57BL/6JArc	6/04/2022	OS	1	1
60-2	60	mouse	C57BL/6JArc	6/04/2022	OS	1	1

Client ID	Room #	Species	Strain /Breed				
49-FP,DOS,FS	49	mouse	B6.SJL- PtpzcaPepcb/Boy JArc	6/04/2022	FP,DOS,FS	10	3
52-FP,DOS,FS	52	mouse	C57BL/6JArc	6/04/2022	FP,DOS,FS	10	3
54-FP,DOS,FS	54	mouse	B6D2F1	6/04/2022	FP,DOS,FS	10	3
56-FP,DOS,FS	56	mouse	B6.129P2- Apoetm1Unc/JA rc	6/04/2022	FP,DOS,FS	10	3
58-FP,DOS,FS	58	mouse	NOD/ShiLtJArc	6/04/2022	FP,DOS,FS	10	3
60-FP,DOS,FS	60	mouse	C57BL/6JArc	6/04/2022	FP,DOS,FS	10	3

Services/Tests Performed: ARC M-Quarterly Panel (1-12); ARC Quarterly PCR Panel (13-18)

Serologic evaluation for antibodies to: *Clostridium piliforme*, *Mycoplasma pulmonis*, CAR bacillus, EDIM, LCMV, MAV1, MAV2, MCMV, MHV, MKPV, MNV, MPV, MVM, PVM, Sendai, TMEV

PCR evaluation for: *Aspiculuris tetraptera*, *Cryptosporidium* spp., *Entamoeba muris*, *Giardia muris*, *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter* spp., *Helicobacter typhlonius*, *Hymenolepis diminuta*, *Myocoptes*, *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Radfordia/Myobia*, *Rodentolepis nana*, *Spironucleus muris*, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Streptococcus* sp. beta hemolytic Group A, *Streptococcus* sp. beta hemolytic Group B, *Streptococcus* sp. beta hemolytic Group C, *Streptococcus* sp. beta hemolytic Group G, *Syphacia muris*, *Syphacia obvelata*, *Tritrichomonas muris*

General Comments: Tracking: 776513747314

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	52-2	54-1	54-2
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	56-1	56-2	58-1
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	58-2	60-1	60-2
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Cryptosporidium</i> spp.	-	-	-
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spironucleus muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspiculuris tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

feces	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Cryptosporidium</i> spp.	-	-	-
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spironucleus muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspiculuris tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Pasteurella pneumotropica</i> biotype	-	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
Jawetz			
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

oral swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

pelt swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Mycocptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-

pelt swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Mycocptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **08-Jun-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	10-May-22	0 / 36	0 / 360	EH	m
Minute Virus of Mice	10-May-22	0 / 36	0 / 360	EH	m
Mouse Parvovirus	10-May-22	0 / 36	0 / 360	EH	m
Murine Rotavirus (EDIM)	10-May-22	0 / 36	0 / 360	EH	m
Mouse Norovirus	06-Apr-22	0 / 12	0 / 72	E	q
Theiler's Encephalomyelitis Virus	06-Apr-22	0 / 12	0 / 72	E	q
Pneumonia Virus of Mice	06-Apr-22	0 / 12	0 / 72	E	q
Murine Cytomegalovirus	06-Apr-22	0 / 12	0 / 72	E	q
Sendai Virus	06-Apr-22	0 / 12	0 / 72	E	q
Mouse Adenovirus Type 1 & 2	06-Apr-22	0 / 12	0 / 72	E	q
Lymphocytic Choriomeningitis Virus	06-Apr-22	0 / 12	0 / 72	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 24	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 24	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 24	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 24	E	a
K Virus	10-Jan-22	0 / 12	0 / 24	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 24	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 24	E	a
<i>CAR bacillus</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Clostridium piliforme</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Mycoplasma pulmonis</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Helicobacter</i> spp.*	06-Apr-22	0 / 60	0 / 264	H	q
<i>Streptococcus pneumoniae</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Pasteurella pneumotropica</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 24	E	a
Arthropods (Fur mites, lice, fleas)	06-Apr-22	0 / 60	0 / 258	BH	q
Nematodes (pinworms)	06-Apr-22	0 / 60	0 / 264	FGH	q
Cestodes	06-Apr-22	0 / 60	0 / 264	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	06-Apr-22	0 / 60	0 / 264	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 24	E	a
<i>Staphylococcus aureus</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 24	CH	a
Mouse Kidney Parvovirus	06-Apr-22	0 / 12	0 / 96	HE	q

Notes:

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

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 3a on 27/08/2021

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. Bary Savage BSc BVMS (Hons.) Veterinary Services Manager

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxbioanalytics@idexx.com

www.idexbioanalytics.com

IDEXX BioAnalytics Case # 114659-2022

Received Date: 5/27/2022

Client Case # Case 3

Completed: 6/2/2022

Submitted By

Ibrahim Faseeh

Phone: 08 9332 5033

Animal Resources Centre

Fax: 08 9310 2839

PO Box 1180

Email: QClab@arc.wa.gov.au

Canning Vale, AU-WA 6970

Australia

Specimen Description

Species: mouse

Breed/Strain: BALB/cArc; BALB/cArc & NIH;

BCB6F1; C57BL/6JArc; C

Description: Feces; Opti-Spot; Opti-Spot strip(s)

Number of Specimens/Animals: 9

Area: 3a

Client ID	Room #	Species	Strain /Breed				
49	49	mouse	CBB6F1	10/05/2022	OS	1	1
52	52	mouse	BCB6F1	10/05/2022	OS	1	1
54	54	mouse	BALB/cArc	10/05/2022	OS	1	1
56	56	mouse	NIH	10/05/2022	OS	1	1
58	58	mouse	CBA/CaHArc	10/05/2022	OS	1	1
60	60	mouse	C57BL/6JArc	10/05/2022	OS	1	1
49&52-FP	49 & 52	mouse	CBB6F1 & BCB6F1	10/05/2022	FP	10	1
54&56-FP	54 & 56	mouse	BALB/cArc & NIH	10/05/2022	FP	10	1
58&60-FP	58 & 60	mouse	CBA/CaHArc & C57BL/6JArc	10/05/2022	FP	10	1

Services/Tests Performed: ARC M-Monthly Panel (1-6); ARC M-Monthly PCR Panel (7-9)

Serologic evaluation for antibodies to: EDIM, MHV, MPV, MVM

PCR evaluation for: EDIM, MHV, MPV, MVM

General Comments: Tracking: 776912678223

Summary: All test results were negative.

SEROLOGY SUMMARY

	49	52	54	56	58
EDIM	-	-	-	-	-
MHV	-	-	-	-	-
MPV	-	-	-	-	-
MVM	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	60
EDIM	-
MHV	-
MPV	-
MVM	-
Mouse IgG	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49&52-FP	54&56-FP	58&60-FP
EDIM	-	-	-
MHV	-	-	-
MVM	-	-	-
MPV	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **29-Jun-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	15-Jun-22	0 / 10	0 / 358	EH	m
Minute Virus of Mice	15-Jun-22	0 / 10	0 / 358	EH	m
Mouse Parvovirus	15-Jun-22	0 / 10	0 / 358	EH	m
Murine Rotavirus (EDIM)	15-Jun-22	0 / 10	0 / 358	EH	m
Mouse Norovirus	06-Apr-22	0 / 12	0 / 72	E	q
Theiler's Encephalomyelitis Virus	06-Apr-22	0 / 12	0 / 72	E	q
Pneumonia Virus of Mice	06-Apr-22	0 / 12	0 / 72	E	q
Murine Cytomegalovirus	06-Apr-22	0 / 12	0 / 72	E	q
Sendai Virus	06-Apr-22	0 / 12	0 / 72	E	q
Mouse Adenovirus Type 1 & 2	06-Apr-22	0 / 12	0 / 72	E	q
Lymphocytic Choriomeningitis Virus	06-Apr-22	0 / 12	0 / 72	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 24	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 24	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 24	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 24	E	a
K Virus	10-Jan-22	0 / 12	0 / 24	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 24	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 24	E	a
<i>CAR bacillus</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Clostridium piliforme</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Mycoplasma pulmonis</i>	06-Apr-22	0 / 12	0 / 72	E	q
<i>Helicobacter</i> spp.*	06-Apr-22	0 / 60	0 / 264	H	q
<i>Streptococcus pneumoniae</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Pasteurella pneumotropica</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 24	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 24	E	a
Arthropods (Fur mites, lice, fleas)	06-Apr-22	0 / 60	0 / 258	BH	q
Nematodes (pinworms)	06-Apr-22	0 / 60	0 / 264	FGH	q
Cestodes	06-Apr-22	0 / 60	0 / 264	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	06-Apr-22	0 / 60	0 / 264	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 24	E	a
<i>Staphylococcus aureus</i>	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	06-Apr-22	0 / 60	0 / 264	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 24	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 24	CH	a
Mouse Kidney Parvovirus	06-Apr-22	0 / 12	0 / 96	HE	q

Notes:

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

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 3a on 27/08/2021

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. Bary Savage BSc BVMS (Hons.) Veterinary Services Manager

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 117353-2022

Received Date: 6/27/2022

Client Case # Case 2

Completed: 6/28/2022

Submitted By

Ibrahim Faseeh

Phone: 08 9332 5033

Animal Resources Centre

Fax: 08 9310 2839

PO Box 1180

Email: QClab@arc.wa.gov.au

Canning Vale, AU-WA 6970

Australia

Specimen Description

Species: mouse

Breed/Strain: BALB/cArc; BCB6F1; CBA/CaHArc;

CBB6F1; NIH

Description: Opti-Spot; Opti-Spot strip(s)

Number of Specimens/Animals: 10

Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	CBB6F1	15/06/2022	OS	1	1
49-2	49	mouse	CBB6F1	15/06/2022	OS	1	1
52-1	52	mouse	BCB6F1	15/06/2022	OS	1	1
52-2	52	mouse	BCB6F1	15/06/2022	OS	1	1
54-1	54	mouse	BALB/cArc	15/06/2022	OS	1	1
54-2	54	mouse	BALB/cArc	15/06/2022	OS	1	1
56-1	56	mouse	NIH	15/06/2022	OS	1	1
56-2	56	mouse	NIH	15/06/2022	OS	1	1
58-1	58	mouse	CBA/CaHArc	15/06/2022	OS	1	1
58-2	58	mouse	CBA/CaHArc	15/06/2022	OS	1	1

Services/Tests Performed: ARC M-Monthly Panel (1-10)

Serologic evaluation for antibodies to: EDIM, MHV, MPV, MVM

General Comments: Tracking: 777156138322

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1	52-2	54-1	54-2	56-1	56-2	58-1	58-2
EDIM	-	-	-	-	-	-	-	-	-	-
MHV	-	-	-	-	-	-	-	-	-	-
MPV	-	-	-	-	-	-	-	-	-	-
MVM	-	-	-	-	-	-	-	-	-	-
Mouse IgG	N	N	N	N	N	N	N	N	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **10-Aug-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	12-Jul-22	0 / 10	0 / 356	EH	m
Minute Virus of Mice	12-Jul-22	0 / 10	0 / 356	EH	m
Mouse Parvovirus	12-Jul-22	0 / 10	0 / 356	EH	m
Murine Rotavirus (EDIM)	12-Jul-22	0 / 10	0 / 356	EH	m
Mouse Norovirus	12-Jul-22	0 / 10	0 / 70	E	q
Theiler's Encephalomyelitis Virus	12-Jul-22	0 / 10	0 / 70	E	q
Pneumonia Virus of Mice	12-Jul-22	0 / 10	0 / 70	E	q
Murine Cytomegalovirus	12-Jul-22	0 / 10	0 / 70	E	q
Sendai Virus	12-Jul-22	0 / 10	0 / 70	E	q
Mouse Adenovirus Type 1 & 2	12-Jul-22	0 / 10	0 / 70	E	q
Lymphocytic Choriomeningitis Virus	12-Jul-22	0 / 10	0 / 70	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 12	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 12	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 12	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 12	E	a
K Virus	10-Jan-22	0 / 12	0 / 12	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 12	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 12	E	a
<i>CAR bacillus</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Clostridium piliforme</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Mycoplasma pulmonis</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Helicobacter</i> spp.*	12-Jul-22	0 / 50	0 / 302	H	q
<i>Streptococcus pneumoniae</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Pasteurella pneumotropica</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 12	E	a
Arthropods (Fur mites, lice, fleas)	12-Jul-22	0 / 50	0 / 302	BH	q
Nematodes (pinworms)	12-Jul-22	0 / 50	0 / 302	FGH	q
Cestodes	12-Jul-22	0 / 50	0 / 302	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	12-Jul-22	0 / 50	0 / 302	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 12	E	a
<i>Staphylococcus aureus</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 12	CH	a
Mouse Kidney Parvovirus	12-Jul-22	0 / 10	0 / 94	HE	q

Notes:

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

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 3a on 27/08/2021

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

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 120180-2022

Received Date: 7/22/2022

Client Case # Case 6

Completed: 7/27/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: BALB/cArc; BCB6F1; CBA/CaHArc;
 CBB6F1; NIH
 Description: Dry Oral Swab; Feces; Opti-Spot; Pelt
 Swab; Opti-Spot strip(s)
 Number of Specimens/Animals: 15
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	CBB6F1	12/07/2022	OS	1	1
49-2	49	mouse	CBB6F1	12/07/2022	OS	1	1
52-1	52	mouse	BCB6F1	12/07/2022	OS	1	1
52-2	52	mouse	BCB6F1	12/07/2022	OS	1	1
54-1	54	mouse	BALB/cArc	12/07/2022	OS	1	1
54-2	54	mouse	BALB/cArc	12/07/2022	OS	1	1
56-1	56	mouse	NIH	12/07/2022	OS	1	1
56-2	56	mouse	NIH	12/07/2022	OS	1	1
58-1	58	mouse	CBA/CaHArc	12/07/2022	OS	1	1
58-2	58	mouse	CBA/CaHArc	12/07/2022	OS	1	1
49-FP,DOS,FS	49	mouse	CBB6F1	12/07/2022	FP,DOS,FS	10	3
52-FP,DOS,FS	52	mouse	BCB6F1	12/07/2022	FP,DOS,FS	10	3
54-FP,DOS,FS	54	mouse	BALB/cArc	12/07/2022	FP,DOS,FS	10	3
56-FP,DOS,FS	56	mouse	NIH	12/07/2022	FP,DOS,FS	10	3
58-FP,DOS,FS	58	mouse	CBA/CaHArc	12/07/2022	FP,DOS,FS	10	3

Services/Tests Performed: ARC M-Quarterly Panel (1-10); ARC Quarterly PCR Panel (11-15)

Serologic evaluation for antibodies to: *Clostridium piliforme*, *Mycoplasma pulmonis*, CAR bacillus, EDIM, LCMV, MAV1, MAV2, MCMV, MHV, MKPV, MNV, MPV, MVM, PVM, Sendai, TMEV

PCR evaluation for: *Aspiculuris tetraptera*, *Entamoeba muris*, *Giardia muris*, *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter* spp., *Helicobacter typhlonius*, *Hymenolepis diminuta*, *Myocoptes*, *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Radfordia/Myobia*, *Rodentolepis nana*, *Spiroplasma muris*, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Streptococcus* sp. beta hemolytic Group A, *Streptococcus* sp. beta hemolytic Group B, *Streptococcus* sp. beta hemolytic Group C, *Streptococcus* sp. beta hemolytic Group G, *Syphacia muris*, *Syphacia obvelata*, *Tritrichomonas muris*

General Comments: Tracking: 777394623422

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	52-2	54-1	54-2
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	56-1	56-2	58-1
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	58-2
CAR bacillus	-
EDIM	-
LCMV	-
<i>Mycoplasma pulmonis</i>	-
MAV1	-
MAV2	-
MCMV	-
MHV	-
MKPV	-
MNV	-
MPV	-
MVM	-
PVM	-
TMEV	-
Sendai	-
<i>Clostridium piliforme</i>	-
Mouse IgG	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spironucleus muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspiculuris tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

feces	56-FP,DOS,FS	58-FP,DOS,FS
<i>Helicobacter</i> spp.	-	-
<i>Helicobacter bilis</i>	-	-
<i>Helicobacter ganmani</i>	-	-
<i>Helicobacter hepaticus</i>	-	-
<i>Helicobacter mastomyrinus</i>	-	-
<i>Helicobacter rodentium</i>	-	-
<i>Helicobacter typhlonius</i>	-	-
<i>Entamoeba muris</i>	-	-
<i>Giardia muris</i>	-	-
<i>Spironucleus muris</i>	-	-
<i>Tritrichomonas muris</i>	-	-
<i>Rodentolepis nana</i>	-	-
<i>Hymenolepis diminuta</i>	-	-
<i>Aspiculuris tetraptera</i>	-	-
<i>Syphacia muris</i>	-	-
<i>Syphacia obvelata</i>	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

oral swab	56-FP,DOS,FS	58-FP,DOS,FS
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-
<i>Staphylococcus aureus</i>	-	-
<i>Streptococcus pneumoniae</i>	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-

pelt swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Mycocoptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-

pelt swab	56-FP,DOS,FS	58-FP,DOS,FS
<i>Mycocoptes</i>	-	-
<i>Radfordia/Myobia</i>	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: **3a (Mouse)**

Date report issued: **06-Sep-22**

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	11-Aug-22	0 / 36	0 / 356	EH	m
Minute Virus of Mice	11-Aug-22	0 / 36	0 / 356	EH	m
Mouse Parvovirus	11-Aug-22	0 / 36	0 / 356	EH	m
Murine Rotavirus (EDIM)	11-Aug-22	0 / 36	0 / 356	EH	m
Mouse Norovirus	12-Jul-22	0 / 10	0 / 70	E	q
Theiler's Encephalomyelitis Virus	12-Jul-22	0 / 10	0 / 70	E	q
Pneumonia Virus of Mice	12-Jul-22	0 / 10	0 / 70	E	q
Murine Cytomegalovirus	12-Jul-22	0 / 10	0 / 70	E	q
Sendai Virus	12-Jul-22	0 / 10	0 / 70	E	q
Mouse Adenovirus Type 1 & 2	12-Jul-22	0 / 10	0 / 70	E	q
Lymphocytic Choriomeningitis Virus	12-Jul-22	0 / 10	0 / 70	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 12	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 12	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 12	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 12	E	a
K Virus	10-Jan-22	0 / 12	0 / 12	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 12	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 12	E	a
<i>CAR bacillus</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Clostridium piliforme</i>	11-Aug-22	0 / 36	0 / 106	EH	q
<i>Mycoplasma pulmonis</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Helicobacter</i> spp.*	12-Jul-22	0 / 50	0 / 302	H	q
<i>Streptococcus pneumoniae</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Pasteurella pneumotropica</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 12	E	a
Arthropods (Fur mites, lice, fleas)	12-Jul-22	0 / 50	0 / 302	BH	q
Nematodes (pinworms)	12-Jul-22	0 / 50	0 / 302	FGH	q
Cestodes	12-Jul-22	0 / 50	0 / 302	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	12-Jul-22	0 / 50	0 / 302	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 12	E	a
<i>Staphylococcus aureus</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 12	CH	a
Mouse Kidney Parvovirus	12-Jul-22	0 / 10	0 / 94	HE	q

Notes:

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

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 3a on 27/08/2021

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. Kirsty Moynihan A/CEO 06/09/2022

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 123489-2022

Received Date: 8/29/2022

Client Case # Case 1

Completed: 9/2/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.A-Dysfprmd/GeneJArc BLA;
 B6.SJL-PtprcaPepcb/Boy
 Description: Feces; Opti-Spot; Opti-Spot strip(s)
 Number of Specimens/Animals: 9
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49	49	mouse	B6.SJL-PtprcaPepcb/Boy JArc	11/08/2022	OS	1	1
52	52	mouse	C57BL/10ScSnArc	11/08/2022	OS	1	1
54	54	mouse	B6D2F1	11/08/2022	OS	1	1
56	56	mouse	NIH	11/08/2022	OS	1	1
58	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	11/08/2022	OS	1	1
60	60	mouse	B6.A-Dysfprmd/GeneJ Arc BLA	11/08/2022	OS	1	1
49&52-FP	49 & 52	mouse	B6.SJL-PtprcaPepcb/Boy JArc & C57BL/10ScSnArc	11/08/2022	FP	10	1
54&56-FP	54 & 56	mouse	B6D2F1 & NIH	11/08/2022	FP	10	1
58&60-FP	58 & 60	mouse	C57BL/10ScSn-Dmdmdx/Arc & BLA/J	11/08/2022	FP	10	1

Services/Tests Performed: *Clostridium piliforme* (7-9); *Clostridium piliforme* (1-6); ARC M-Monthly Panel (1-6); ARC M-Monthly PCR Panel (7-9)

Serologic evaluation for antibodies to: *Clostridium piliforme*, EDIM, MHV, MPV, MVM

PCR evaluation for: *Clostridium piliforme*, EDIM, MHV, MPV, MVM

General Comments: Tracking: 777679723099

Summary: All test results were negative.

SEROLOGY SUMMARY

	49	52	54	56	58
EDIM	-	-	-	-	-
MHV	-	-	-	-	-
MPV	-	-	-	-	-
MVM	-	-	-	-	-
<i>Clostridium piliforme</i>	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	60
EDIM	-
MHV	-
MPV	-
MVM	-
<i>Clostridium piliforme</i>	-
Mouse IgG	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49&52-FP	54&56-FP	58&60-FP
<i>Clostridium piliforme</i>	-	-	-
EDIM	-	-	-
MHV	-	-	-
MVM	-	-	-
MPV	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: 3a (Mouse)

Date report issued: 03-Oct-22

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

Parasites and Protozoa

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

ORGANISMS MONITORED BUT NOT EXCLUDED:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	08-Sep-22	0 / 12	0 / 356	EH	m
Minute Virus of Mice	08-Sep-22	0 / 12	0 / 356	EH	m
Mouse Parvovirus	08-Sep-22	0 / 12	0 / 356	EH	m
Murine Rotavirus (EDIM)	08-Sep-22	0 / 12	0 / 356	EH	m
Mouse Norovirus	12-Jul-22	0 / 10	0 / 70	E	q
Theiler's Encephalomyelitis Virus	12-Jul-22	0 / 10	0 / 70	E	q
Pneumonia Virus of Mice	12-Jul-22	0 / 10	0 / 70	E	q
Murine Cytomegalovirus	12-Jul-22	0 / 10	0 / 70	E	q
Sendai Virus	12-Jul-22	0 / 10	0 / 70	E	q
Mouse Adenovirus Type 1 & 2	12-Jul-22	0 / 10	0 / 70	E	q
Lymphocytic Choriomeningitis Virus	12-Jul-22	0 / 10	0 / 70	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 12	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 12	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 12	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 12	E	a
K Virus	10-Jan-22	0 / 12	0 / 12	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 12	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 12	E	a
<i>CAR bacillus</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Clostridium piliforme</i>	08-Sep-22	0 / 12	0 / 118	EH	q
<i>Mycoplasma pulmonis</i>	12-Jul-22	0 / 10	0 / 70	E	q
<i>Helicobacter</i> spp.*	12-Jul-22	0 / 50	0 / 302	H	q
<i>Streptococcus pneumoniae</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Pasteurella pneumotropica</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 12	E	a
Arthropods (Fur mites, lice, fleas)	12-Jul-22	0 / 50	0 / 302	BH	q
Nematodes (pinworms)	12-Jul-22	0 / 50	0 / 302	FGH	q
Cestodes	12-Jul-22	0 / 50	0 / 302	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spironucleus muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	12-Jul-22	0 / 50	0 / 302	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 12	E	a
<i>Staphylococcus aureus</i>	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	12-Jul-22	0 / 50	0 / 302	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 12	CH	a
Mouse Kidney Parvovirus	12-Jul-22	0 / 10	0 / 94	HE	q

Notes:

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

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 3a on 27/08/2021

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. Christopher Cooper - Veterinarian

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxbioanalytics@idexx.com

www.idexbioanalytics.com

IDEXX BioAnalytics Case # 126114-2022

Received Date: 9/22/2022

Client Case # Case 2

Completed: 9/26/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.A-Dysfprmd/GeneJArc BLA;
 B6.SJL-PtprcaPepcb/Boy
 Description: Opti-Spot; Opti-Spot strip(s)
 Number of Specimens/Animals: 12
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	B6.SJL-PtprcaPepcb/Boy JArc	8/09/2022	OS	1	1
49-2	49	mouse	B6.SJL-PtprcaPepcb/Boy JArc	8/09/2022	OS	1	1
52-1	52	mouse	C57BL/10ScSnArc	8/09/2022	OS	1	1
52-2	52	mouse	C57BL/10ScSnArc	8/09/2022	OS	1	1
54-1	54	mouse	B6D2F1	8/09/2022	OS	1	1
54-2	54	mouse	B6D2F1	8/09/2022	OS	1	1
56-1	56	mouse	NIH	8/09/2022	OS	1	1
56-2	56	mouse	NIH	8/09/2022	OS	1	1
58-1	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	8/09/2022	OS	1	1
58-2	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	8/09/2022	OS	1	1
60-1	60	mouse	B6.A-Dysfprmd/GeneJ Arc BLA	8/09/2022	OS	1	1

Client ID	Room #	Species	Strain /Breed				
60-2	60	mouse	B6.A- Dysfprmd/GeneJ Arc BLA	8/09/2022	OS	1	1

Services/Tests Performed: Clostridium piliforme (1-12); ARC M-Monthly Panel (1-12)

Serologic evaluation for antibodies to: *Clostridium piliforme*, EDIM, MHV, MPV, MVM

General Comments: Tracking: 777951098586

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1	52-2	54-1	54-2	56-1	56-2	58-1	58-2
EDIM	-	-	-	-	-	-	-	-	-	-
MHV	-	-	-	-	-	-	-	-	-	-
MPV	-	-	-	-	-	-	-	-	-	-
MVM	-	-	-	-	-	-	-	-	-	-
<i>Clostridium piliforme</i>	-	-	-	-	-	-	-	-	-	-
Mouse IgG	N	N	N	N	N	N	N	N	N	N

	60-1	60-2
EDIM	-	-
MHV	-	-
MPV	-	-
MVM	-	-
<i>Clostridium piliforme</i>	-	-
Mouse IgG	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG



Animal Health Monitoring Report

Barrier Area: 3a (Mouse)

Date report issued: 25-Oct-22

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

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:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	05-Oct-22	0 / 12	0 / 356	EH	m
Minute Virus of Mice	05-Oct-22	0 / 12	0 / 356	EH	m
Mouse Parvovirus	05-Oct-22	0 / 12	0 / 356	EH	m
Murine Rotavirus (EDIM)	05-Oct-22	0 / 12	0 / 356	EH	m
Mouse Norovirus	05-Oct-22	0 / 12	0 / 70	E	q
Theiler's Encephalomyelitis Virus	05-Oct-22	0 / 12	0 / 70	E	q
Pneumonia Virus of Mice	05-Oct-22	0 / 12	0 / 70	E	q
Murine Cytomegalovirus	05-Oct-22	0 / 12	0 / 70	E	q
Sendai Virus	05-Oct-22	0 / 12	0 / 70	E	q
Mouse Adenovirus Type 1 & 2	05-Oct-22	0 / 12	0 / 70	E	q
Lymphocytic Choriomeningitis Virus	05-Oct-22	0 / 12	0 / 70	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 12	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 12	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 12	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 12	E	a
K Virus	10-Jan-22	0 / 12	0 / 12	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 12	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 12	E	a
<i>CAR bacillus</i>	05-Oct-22	0 / 12	0 / 70	E	q
<i>Clostridium piliforme</i>	05-Oct-22	0 / 12	0 / 118	EH	m
<i>Mycoplasma pulmonis</i>	05-Oct-22	0 / 12	0 / 70	E	q
<i>Helicobacter</i> spp.*	05-Oct-22	0 / 60	0 / 302	H	q
<i>Streptococcus pneumoniae</i>	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Pasteurella pneumotropica</i>	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 12	E	a
Arthropods (Fur mites, lice, fleas)	05-Oct-22	0 / 60	0 / 302	BH	q
Nematodes (pinworms)	05-Oct-22	0 / 60	0 / 302	FGH	q
Cestodes	05-Oct-22	0 / 60	0 / 302	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spiroplasma muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	05-Oct-22	0 / 60	0 / 302	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 12	E	a
<i>Staphylococcus aureus</i>	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 12	CH	a
Mouse Kidney Parvovirus	05-Oct-22	0 / 12	0 / 46	HE	q

Notes:

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

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 3a on 27/08/2021

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. Christopher Cooper - Veterinarian

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 128545-2022

Received Date: 10/14/2022

Client Case # Case 3

Completed: 10/21/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.SJL-PtprcaPepcb/BoyJArc;
 B6D2F1; C57BL/10ScSnAr
 Description: Dry Oral Swab; Feces; Opti-Spot; Pelt
 Swab; Opti-Spot strip(s)
 Number of Specimens/Animals: 18
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	5/10/2022	OS	1	1
49-2	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	5/10/2022	OS	1	1
52-1	52	mouse	C57BL/10ScSnArc	5/10/2022	OS	1	1
52-2	52	mouse	C57BL/10ScSnArc	5/10/2022	OS	1	1
54-1	54	mouse	B6D2F1	5/10/2022	OS	1	1
54-2	54	mouse	B6D2F1	5/10/2022	OS	1	1
56-1	56	mouse	NIH	5/10/2022	OS	1	1
56-2	56	mouse	NIH	5/10/2022	OS	1	1
58-1	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	5/10/2022	OS	1	1
58-2	58	mouse	C57BL/10ScSn-Dmdmdx/Arc	5/10/2022	OS	1	1
60-1	60	mouse	CBA/CaHArc	5/10/2022	OS	1	1
60-2	60	mouse	CBA/CaHArc	5/10/2022	OS	1	1

Client ID	Room #	Species	Strain /Breed				
49-FP,DOS,FS	49	mouse	B6.SJL- PtprcaPepcb/Boy JArc	5/10/2022	FP,DOS,FS	10	3
52-FP,DOS,FS	52	mouse	C57BL/10ScSnA rc	5/10/2022	FP,DOS,FS	10	3
54-FP,DOS,FS	54	mouse	B6D2F1	5/10/2022	FP,DOS,FS	10	3
56-FP,DOS,FS	56	mouse	NIH	5/10/2022	FP,DOS,FS	10	3
58-FP,DOS,FS	58	mouse	C57BL/10ScSn- Dmdmdx/Arc	5/10/2022	FP,DOS,FS	10	3
60-FP,DOS,FS	60	mouse	CBA/CaHArc	5/10/2022	FP,DOS,FS	10	3

Services/Tests Performed: *Clostridium piliforme* (13-18); ARC M-Quarterly Panel (1-12); ARC Quarterly PCR Panel (13-18)

Serologic evaluation for antibodies to: *Clostridium piliforme*, *Mycoplasma pulmonis*, CAR bacillus, EDIM, LCMV, MAV1, MAV2, MCMV, MHV, MKPV, MNV, MPV, MVM, PVM, Sendai, TMEV

PCR evaluation for: *Aspicularis tetraptera*, *Clostridium piliforme*, *Entamoeba muris*, *Giardia muris*, *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter spp.*, *Helicobacter typhlonius*, *Hymenolepis diminuta*, *Myocoptes*, *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Radfordia/Myobia*, *Rodentolepis nana*, *Spironucleus muris*, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Streptococcus sp. beta hemolytic Group A*, *Streptococcus sp. beta hemolytic Group B*, *Streptococcus sp. beta hemolytic Group C*, *Streptococcus sp. beta hemolytic Group G*, *Syphacia muris*, *Syphacia obvelata*, *Tritrichomonas muris*

General Comments: Tracking: 770103850758

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	52-2	54-1	54-2
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	56-1	56-2	58-1
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

	58-2	60-1	60-2
CAR bacillus	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MCMV	-	-	-
MHV	-	-	-
MKPV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
PVM	-	-	-
TMEV	-	-	-
Sendai	-	-	-
<i>Clostridium piliforme</i>	-	-	-
Mouse IgG	N	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Clostridium piliforme</i>	-	-	-
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spironucleus muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspiculuris tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

feces	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Clostridium piliforme</i>	-	-	-
<i>Helicobacter</i> spp.	-	-	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-
<i>Entamoeba muris</i>	-	-	-
<i>Giardia muris</i>	-	-	-
<i>Spironucleus muris</i>	-	-	-
<i>Tritrichomonas muris</i>	-	-	-
<i>Rodentolepis nana</i>	-	-	-
<i>Hymenolepis diminuta</i>	-	-	-
<i>Aspiculuris tetraptera</i>	-	-	-
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Pasteurella pneumotropica</i> biotype	-	-	-

oral swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
Jawetz			
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

oral swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<i>Staphylococcus aureus</i>	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-

pelt swab	49-FP,DOS,FS	52-FP,DOS,FS	54-FP,DOS,FS
<i>Mycocptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-

pelt swab	56-FP,DOS,FS	58-FP,DOS,FS	60-FP,DOS,FS
<i>Mycocptes</i>	-	-	-
<i>Radfordia/Myobia</i>	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: 3a (Mouse)

Date report issued: 12-Dec-22

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus

Bacteria and Fungi

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

Parasites and Protozoa

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

ORGANISMS MONITORED BUT NOT EXCLUDED:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa
Mouse Kidney Parvovirus

	Mouse				
	Last Test Date	Results	Past 18 Months	Testing method	Testing frequency
Mouse Hepatitis Virus	07-Nov-22	0 / 36	0 / 356	EH	m
Minute Virus of Mice	07-Nov-22	0 / 36	0 / 356	EH	m
Mouse Parvovirus	07-Nov-22	0 / 36	0 / 356	EH	m
Murine Rotavirus (EDIM)	07-Nov-22	0 / 36	0 / 356	EH	m
Mouse Norovirus	05-Oct-22	0 / 12	0 / 70	E	q
Theiler's Encephalomyelitis Virus	05-Oct-22	0 / 12	0 / 70	E	q
Pneumonia Virus of Mice	05-Oct-22	0 / 12	0 / 70	E	q
Murine Cytomegalovirus	05-Oct-22	0 / 12	0 / 70	E	q
Sendai Virus	05-Oct-22	0 / 12	0 / 70	E	q
Mouse Adenovirus Type 1 & 2	05-Oct-22	0 / 12	0 / 70	E	q
Lymphocytic Choriomeningitis Virus	05-Oct-22	0 / 12	0 / 70	E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 12	E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 12	E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 12	E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 12	E	a
K Virus	10-Jan-22	0 / 12	0 / 12	E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 12	E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 12	E	a
<i>CAR bacillus</i>	05-Oct-22	0 / 12	0 / 70	E	q
<i>Clostridium piliforme</i>	07-Nov-22	0 / 36	0 / 154	EH	m
<i>Mycoplasma pulmonis</i>	05-Oct-22	0 / 12	0 / 70	E	q
<i>Helicobacter</i> spp.*	05-Oct-22	0 / 60	0 / 302	H	q
<i>Streptococcus pneumoniae</i>	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Pasteurella pneumotropica</i>	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 12	DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 12	E	a
Arthropods (Fur mites, lice, fleas)	05-Oct-22	0 / 60	0 / 302	BH	q
Nematodes (pinworms)	05-Oct-22	0 / 60	0 / 302	FGH	q
Cestodes	05-Oct-22	0 / 60	0 / 302	FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spironucleus muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	05-Oct-22	0 / 60	0 / 302	FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 12	E	a
<i>Staphylococcus aureus</i>	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	05-Oct-22	0 / 60	0 / 302	DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 12	CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 12	CH	a
Mouse Kidney Parvovirus	07-Nov-22	0 / 36	0 / 82	HE	q

Notes:

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

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 3a on 27/08/2021

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. Christopher Cooper - Veterinarian 12/12/2022

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 131932-2022

Received Date: 11/18/2022

Client Case # Case 1

Completed: 11/23/2022

Submitted By

Ibrahim Faseeh

Phone: 08 9332 5033

Animal Resources Centre

Fax: 08 9310 2839

PO Box 1180

Email: QClab@arc.wa.gov.au

Canning Vale, AU-WA 6970

Australia

Specimen Description

Species: mouse

Breed/Strain: B6.SJL-PtprcaPepcb/BoyJArc; B6.SJL-

PtprcaPepcb/Boy

Description: Feces; Opti-Spot; Opti-Spot strip(s)

Number of Specimens/Animals: 9

Area: 3a

Client ID	Room #	Species	Strain /Breed				
49	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	7/11/2022	OS	1	1
52	52	mouse	C57BL/6J-Tg(HLA-A2/H2-K)6Scr/HsdArc	7/11/2022	OS	1	1
54	54	mouse	B6D2F1	7/11/2022	OS	1	1
56	56	mouse	NIH	7/11/2022	OS	1	1
58	58	mouse	DBA/2JArc	7/11/2022	OS	1	1
60	60	mouse	NOD/ShiLtJArc	7/11/2022	OS	1	1
49&52-FP	49 & 52	mouse	B6.SJL-PtprcaPepcb/BoyJArc & A2kb	7/11/2022	FP	10	1
54&56-FP	54 & 56	mouse	B6D2F1 & NIH	7/11/2022	FP	10	1
58&60-FP	58 & 60	mouse	DBA/2JArc & NOD/ShiLtJArc	7/11/2022	FP	10	1

Services/Tests Performed: *Clostridium piliforme* (7-9); *Clostridium piliforme* (1-6); ARC M-Monthly Panel (1-6); ARC M-Monthly PCR Panel (7-9); MKPV (7-9); MKPV - MFI (1-6)

Serologic evaluation for antibodies to: *Clostridium piliforme*, EDIM, MHV, MKPV, MPV, MVM

PCR evaluation for: *Clostridium piliforme*, EDIM, MHV, Mouse kidney parvovirus (MKPV), MPV, MVM

General Comments: Tracking: 770440880113

Summary: All test results were negative.

SEROLOGY SUMMARY

	49	52	54	56	58
EDIM	-	-	-	-	-
MHV	-	-	-	-	-
MKPV	-	-	-	-	-
MPV	-	-	-	-	-
MVM	-	-	-	-	-
<i>Clostridium piliforme</i>	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	60
EDIM	-
MHV	-
MKPV	-
MPV	-
MVM	-
<i>Clostridium piliforme</i>	-
Mouse IgG	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

feces	49&52-FP	54&56-FP	58&60-FP
<i>Clostridium piliforme</i>	-	-	-
EDIM	-	-	-
MHV	-	-	-
Mouse kidney parvovirus (MKPV)	-	-	-
MVM	-	-	-
MPV	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress



Animal Health Monitoring Report

Barrier Area: 3a (Mouse)

Date report issued: 15-Dec-22

ORGANISMS MONITORED AND EXCLUDED

Viruses

Mouse Hepatitis Virus
Minute Virus of Mice
Mouse Parvovirus
Murine Rotavirus (EDIM)
Mouse Norovirus
Theiler's Encephalomyelitis Virus
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
Lactate Dehydrogenase Elevating Virus
Mouse Thymic Virus
Mouse Kidney Parvovirus

Bacteria and Fungi

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

Parasites and Protozoa

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

ORGANISMS MONITORED BUT NOT EXCLUDED:

Staphylococcus aureus
Streptococcus sp. beta hemolytic Groups A, B, C or G
Klebsiella oxytoca
Klebsiella pneumoniae
Citrobacter rodentium
Pseudomonas aeruginosa

	Mouse				Testing method	Testing frequency
	Last Test Date	Results	Past 18 Months			
Mouse Hepatitis Virus	05-Dec-22	0 / 12	0 / 356		EH	m
Minute Virus of Mice	05-Dec-22	0 / 12	0 / 356		EH	m
Mouse Parvovirus	05-Dec-22	0 / 12	0 / 356		EH	m
Murine Rotavirus (EDIM)	05-Dec-22	0 / 12	0 / 356		EH	m
Mouse Norovirus	05-Oct-22	0 / 12	0 / 70		E	q
Theiler's Encephalomyelitis Virus	05-Oct-22	0 / 12	0 / 70		E	q
Pneumonia Virus of Mice	05-Oct-22	0 / 12	0 / 70		E	q
Murine Cytomegalovirus	05-Oct-22	0 / 12	0 / 70		E	q
Sendai Virus	05-Oct-22	0 / 12	0 / 70		E	q
Mouse Adenovirus Type 1 & 2	05-Oct-22	0 / 12	0 / 70		E	q
Lymphocytic Choriomeningitis Virus	05-Oct-22	0 / 12	0 / 70		E	q
Hantaan (Korean Haemorrhagic Fever)	10-Jan-22	0 / 12	0 / 12		E	a
Ectromelia (Mousepox) Virus	10-Jan-22	0 / 12	0 / 12		E	a
Reovirus -3	10-Jan-22	0 / 12	0 / 12		E	a
Polyoma Virus	10-Jan-22	0 / 12	0 / 12		E	a
K Virus	10-Jan-22	0 / 12	0 / 12		E	a
Lactate Dehydrogenase Elevating Virus	10-Jan-22	0 / 12	0 / 12		E	a
Mouse Thymic Virus	10-Jan-22	0 / 12	0 / 12		E	a
Mouse Kidney Parvovirus	05-Dec-22	0 / 12	0 / 94		HE	q
<i>CAR bacillus</i>	05-Oct-22	0 / 12	0 / 70		E	q
<i>Clostridium piliforme</i>	05-Dec-22	0 / 12	0 / 166		EH	m
<i>Mycoplasma pulmonis</i>	05-Oct-22	0 / 12	0 / 70		E	q
<i>Helicobacter</i> spp.*	05-Oct-22	0 / 60	0 / 302		H	q
<i>Streptococcus pneumoniae</i>	05-Oct-22	0 / 60	0 / 302		DH	q
<i>Pasteurella pneumotropica</i>	05-Oct-22	0 / 60	0 / 302		DH	q
<i>Salmonella</i> spp.	10-Jan-22	0 / 12	0 / 12		CH	a
<i>Bordetella bronchiseptica</i>	10-Jan-22	0 / 12	0 / 12		DH	a
<i>Corynebacterium kutscheri</i>	10-Jan-22	0 / 12	0 / 12		DH	a
<i>Streptobacillus moniliformis</i>	10-Jan-22	0 / 12	0 / 12		DH	a
<i>Pneumocystis murina</i>	10-Jan-22	0 / 12	0 / 12		E	a
Arthropods (Fur mites, lice, fleas)	05-Oct-22	0 / 60	0 / 302		BH	q
Nematodes (pinworms)	05-Oct-22	0 / 60	0 / 302		FGH	q
Cestodes	05-Oct-22	0 / 60	0 / 302		FGH	q
Protozoa: <i>Giardia muris</i> , <i>Spironucleus muris</i> , <i>Tritrichomonas muris</i> , <i>Entamoeba muris</i>	05-Oct-22	0 / 60	0 / 302		FH	q
<i>Encephalitozoon cuniculi</i>	10-Jan-22	0 / 12	0 / 12		E	a
<i>Staphylococcus aureus</i>	05-Oct-22	0 / 60	0 / 302		DH	q
<i>Streptococcus</i> sp. beta hemolytic Groups A, B, C or G	05-Oct-22	0 / 60	0 / 302		DH	q
<i>Klebsiella oxytoca</i>	10-Jan-22	0 / 12	0 / 12		CH	a
<i>Klebsiella pneumoniae</i>	10-Jan-22	0 / 12	0 / 12		CH	a
<i>Citrobacter rodentium</i>	10-Jan-22	0 / 12	0 / 12		CH	a
<i>Pseudomonas aeruginosa</i>	10-Jan-22	0 / 12	0 / 12		CH	a

Notes:

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

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 3a on 27/08/2021

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. Christopher Cooper - Veterinarian 15/12/2022

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxbioanalytics@idexx.com

www.idexbioanalytics.com

IDEXX BioAnalytics Case # 133899-2022

Received Date: 12/9/2022

Client Case # Case 2

Completed: 12/12/2022

Submitted By

Ibrahim Faseeh
 Animal Resources Centre
 PO Box 1180
 Canning Vale, AU-WA 6970
 Australia

Phone: 08 9332 5033
 Fax: 08 9310 2839
 Email: QClab@arc.wa.gov.au

Specimen Description

Species: mouse
 Breed/Strain: B6.SJL-PtprcaPepcb/BoyJArc;
 B6D2F1; C57BL/6J-Tg(HL
 Description: Opti-Spot; Opti-Spot strip(s)
 Number of Specimens/Animals: 12
 Area: 3a

Client ID	Room #	Species	Strain /Breed				
49-1	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	5/12/2022	OS	1	1
49-2	49	mouse	B6.SJL-PtprcaPepcb/BoyJArc	5/12/2022	OS	1	1
52-1	52	mouse	C57BL/6J-Tg(HLA-A2/H2-K)6Scr/HsdArc	5/12/2022	OS	1	1
52-2	52	mouse	C57BL/6J-Tg(HLA-A2/H2-K)6Scr/HsdArc	5/12/2022	OS	1	1
54-1	54	mouse	B6D2F1	5/12/2022	OS	1	1
54-2	54	mouse	B6D2F1	5/12/2022	OS	1	1
56-1	56	mouse	NIH	5/12/2022	OS	1	1
56-2	56	mouse	NIH	5/12/2022	OS	1	1
58-1	58	mouse	DBA/2JArc	5/12/2022	OS	1	1
58-2	58	mouse	DBA/2JArc	5/12/2022	OS	1	1
60-1	60	mouse	NOD/ShiLtJArc	5/12/2022	OS	1	1
60-2	60	mouse	NOD/ShiLtJArc	5/12/2022	OS	1	1

Services/Tests Performed: Clostridium piliforme (1-12); ARC M-Monthly Panel (1-12); MKPV - MFI (1-12)

Serologic evaluation for antibodies to: *Clostridium piliforme*, EDIM, MHV, MKPV, MPV, MVM

General Comments: Tracking: 770670330628

Summary: All test results were negative.

SEROLOGY SUMMARY

	49-1	49-2	52-1	52-2	54-1	54-2	56-1	56-2	58-1	58-2
EDIM	-	-	-	-	-	-	-	-	-	-
MHV	-	-	-	-	-	-	-	-	-	-
MKPV	-	-	-	-	-	-	-	-	-	-
MPV	-	-	-	-	-	-	-	-	-	-
MVM	-	-	-	-	-	-	-	-	-	-
<i>Clostridium piliforme</i>	-	-	-	-	-	-	-	-	-	-
Mouse IgG	N	N	N	N	N	N	N	N	N	N

	60-1	60-2
EDIM	-	-
MHV	-	-
MKPV	-	-
MPV	-	-
MVM	-	-
<i>Clostridium piliforme</i>	-	-
Mouse IgG	N	N

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG