

FINAL REPORT OF LABORATORY EXAMINATION

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IDEXX BioAnalytics Case # 117459-2025

Received Date: 7/9/2025

Version # 1

Report Date: 7/14/2025

Submitted By

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Referred By

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Specimen Description

Species: mouse
Description: Feces; Pelt Swab
Number of Specimens/Animals: 5
Building/Facility: Discov

Purchase Order #: FGA84

Client ID	Investigator	Room #	Species	Sex
W112 Mouse Pinworm Fecal/Fur Mite Swab Rack 1-3	Davis	W112	mouse	M/F
W112 Mouse Pinworm Fecal/Fur Mite Swab Rack 4-5	Davis	W112	mouse	M/F
W116 Mouse Pinworm Fecal/Fur Mite Swab GM-1	Amos Landgraf	W116	mouse	M/F
W116 Mouse Pinworm Fecal/Fur Mite Swab GM-4	Amos Landgraf	W116	mouse	M/F
W116 Mouse Pinworm Fecal/Fur Mite Swab 3	Amos Landgraf	W116	mouse	M/F

Services/Tests Performed: Pinworm and Fur Mite Panel (1-5)**General Comments:** Quarterly Mouse Pinworm and Fur Mite Testing for "A" status rooms (W112 and W116) at the MMRRC-MU and AMC. 7/9/2025 AOB.**Summary:** All test results were negative.

PCR EVALUATION

feces	W112 Mouse P inworm Fecal/ Fur Mite Swab Rack 1-3	W112 Mouse P inworm Fecal/ Fur Mite Swab Rack 4-5	W116 Mouse P inworm Fecal/ Fur Mite Swab GM-1	W116 Mouse P inworm Fecal/ Fur Mite Swab GM-4	W116 Mouse P inworm Fecal/ Fur Mite Swab 3
<i>Aspiculuris tetraptera</i>	-	-	-	-	-
<i>Syphacia muris</i>	-	-	-	-	-
<i>Syphacia obvelata</i>	-	-	-	-	-

pelt swab	W112 Mouse P inworm Fecal/ Fur Mite Swab Rack 1-3	W112 Mouse P inworm Fecal/ Fur Mite Swab Rack 4-5	W116 Mouse P inworm Fecal/ Fur Mite Swab GM-1	W116 Mouse P inworm Fecal/ Fur Mite Swab GM-4	W116 Mouse P inworm Fecal/ Fur Mite Swab 3
<i>Myocoptes</i>	-	-	-	-	-
<i>Radfordia/Myobia</i>	-	-	-	-	-

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

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IDEXX BioAnalytics Case # 114974-2025

Received Date: 6/19/2025

Version # 1

Report Date: 6/25/2025

Submitted By

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Specimen Description

Species: mouse
Breed/Strain: CR ATH HE
Description: Whole Animal
Number of Specimens/Animals: 11
Building/Facility: Discovery Ridge

Purchase Order #: 691609

Client ID	Investigator	Room #	Species	Strain /Breed	Sex	Rack	Date Placed
112-A	Davis	W112	mouse	CR ATH HE	F	1	3/17/2025
112-B	Davis	W112	mouse	CR ATH HE	F	2	3/17/2025
112-C	Davis	W112	mouse	CR ATH HE	F	3	3/17/2025
112-D	Davis	W112	mouse	CR ATH HE	F	4	3/17/2025
112-E	Davis	W112	mouse	CR ATH HE	F	5	3/17/2025
116-A	Amos-Landgraf	W116	mouse	CR ATH HE	F	1	3/17/2025
116-B	Amos-Landgraf	W116	mouse	CR ATH HE	F	2	3/17/2025
116-C	Amos-Landgraf	W116	mouse	CR ATH HE	F	3	3/17/2025
116-D	Amos-Landgraf	W116	mouse	CR ATH HE	F	4	3/17/2025
116-E	Amos-Landgraf	W116	mouse	CR ATH HE	F	5	3/17/2025
116-F	Amos-Landgraf	W116	mouse	CR ATH HE	F	6	3/17/2025

Services/Tests Performed: MU MMRRC Mouse Quarterly Sentinel and Rederivation Surrogate Profile (1-11)

Serologic evaluation for antibodies to: *Mycoplasma pulmonis*, *Pneumocystis murina*, Ectromelia, EDIM, LCMV, MAV1, MAV2, MHV, MNV, MPV, MVM, Polyoma, PVM, REO3, Sendai, TMEV

PCR evaluation for: *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter* spp., *Helicobacter typhlonius*, *Mycoplasma pulmonis*, *Streptococcus* sp. beta hemolytic Group A, *Streptococcus* sp. beta hemolytic Group B, *Streptococcus* sp. beta hemolytic Group C, *Streptococcus* sp. beta hemolytic Group G

Parasitologic evaluation for: fur mites, mesostigmatid mites, lice, Spironucleus muris, Giardia muris, large intestinal flagellates and amoeba, pinworms and tapeworms

Microbiologic evaluation for: *Bordetella pseudohinzii*, *Citrobacter rodentium*, *Klebsiella oxytoca*, *Klebsiella pneumoniae*, *Rodentibacter heylii*, *Rodentibacter pneumotropicus*, *Salmonella enterica*, *Streptococcus pneumoniae*

General Comments: Discovery Ridge - 2025 Q2 'A' room mouse sentinel necropsies

Summary: Reactivity to Sendai was detected by MFI in sample 116-C; however, the follow-up IFA test result was negative. This pattern of reactivity is indicative of non-specific antibody adherence. The overall conclusion is that the sample is negative for antibodies to Sendai.

Please see the report for details.

NECROPSY

No gross lesions were detected in any of the body systems and organs examined.

SEROLOGY SUMMARY

	112-A	112-B	112-C	112-D	112-E	116-A	116-B	116-C	116-D	116-E
Ectromelia	-	-	-	-	-	-	-	-	-	-
EDIM	-	-	-	-	-	-	-	-	-	-
LCMV	-	-	-	-	-	-	-	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-	-	-	-	-	-	-	-
MAV1	-	-	-	-	-	-	-	-	-	-
MAV2	-	-	-	-	-	-	-	-	-	-
MHV	-	-	-	-	-	-	-	-	-	-
MNV	-	-	-	-	-	-	-	-	-	-
MPV	-	-	-	-	-	-	-	-	-	-
MVM	-	-	-	-	-	-	-	-	-	-
<i>Pneumocystis murina</i>	-	-	-	-	-	-	-	-	-	-
Polyoma	-	-	-	-	-	-	-	-	-	-
PVM	-	-	-	-	-	-	-	-	-	-
REO3	-	-	-	-	-	-	-	-	-	-
TMEV	-	-	-	-	-	-	-	-	-	-
Sendai	-	-	-	-	-	-	-	-	-	-
Mouse IgG	N	N	N	N	N	N	N	N	N	N

	116-F
Ectromelia	-
EDIM	-
LCMV	-
<i>Mycoplasma pulmonis</i>	-
MAV1	-
MAV2	-
MHV	-
MNV	-
MPV	-
MVM	-
<i>Pneumocystis murina</i>	-
Polyoma	-
PVM	-
REO3	-
TMEV	-
Sendai	-

	116-F
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	112-A	112-B	112-C	112-D	112-E	116-A	116-B	116-C	116-D	116-E
<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	116-F
<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>	-

oral swab	112-A	112-B	112-C	112-D	112-E	116-A	116-B	116-C	116-D	116-E
<i>Mycoplasma pulmonis</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	116-F
<i>Mycoplasma pulmonis</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	-

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

PARASITOLOGY

	112-A	112-B	112-C	112-D	112-E	116-A	116-B	116-C	116-D	116-E
parasites	-	-	-	-	-	-	-	-	-	-

	116-F
parasites	-

MICROBIOLOGY

Source/Specimen: cecum

Isolate	112-A	112-B	112-C	112-D	112-E	116-A	116-B	116-C	116-D	116-E
<i>Citrobacter rodentium</i>	-	-	-	-	-	-	-	-	-	-
<i>Klebsiella oxytoca</i>	-	-	-	-	-	-	-	-	-	-
<i>Klebsiella pneumoniae</i>	-	-	-	-	-	-	-	-	-	-
<i>Salmonella enterica</i>	-	-	-	-	-	-	-	-	-	-

Source/Specimen: cecum

Isolate	116-F
<i>Citrobacter rodentium</i>	-
<i>Klebsiella oxytoca</i>	-
<i>Klebsiella pneumoniae</i>	-
<i>Salmonella enterica</i>	-

Source/Specimen: oral swab

Isolate	112-A	112-B	112-C	112-D	112-E	116-A	116-B	116-C	116-D	116-E
<i>Bordetella pseudohinzii</i>	-	-	-	-	-	-	-	-	-	-
<i>Rodentibacter heylii</i>	-	-	-	-	-	-	-	-	-	-
<i>Rodentibacter pneumotropicus</i>	-	-	-	-	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-	-	-	-	-	-	-	-

Source/Specimen: oral swab

Isolate	116-F
<i>Bordetella pseudohinzii</i>	-
<i>Rodentibacter heylii</i>	-
<i>Rodentibacter pneumotropicus</i>	-
<i>Streptococcus pneumoniae</i>	-

Legend: + = agent recovered - = agent not recovered blank = test not performed n = no growth X = Preliminary