

FINAL REPORT OF LABORATORY EXAMINATION
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IDEXX BioAnalytics Case # 4775-2022

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Submitted By

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Specimen Description

Species: mouse
 Description: Feces; Pelt Swab; Opti-Spot strip(s)
 Number of Specimens/Animals: 1
 Building/Facility: Miecznikowa
 Area: Experimental

Purchase Order #: R011422au2

Client ID	Investigator	Room #	Species	Specimen
GLD2	Olga Gewartowska	025	mouse	Opti-Spot_feces_fur swab

Services/Tests Performed: Mouse 3R FELASA Annual (Serology) (1); Fur Mite (1); Mouse 3R Faecal Annual (PCR) (1)

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

PCR evaluation for: *Aspicularis tetraptera*, *Chilomastix* spp., *Citrobacter rodentium*, *Corynebacterium kutscheri*, *Cryptosporidium* spp., *Eimeria* spp., *Entamoeba muris*, *Giardia muris*, *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter* spp., *Helicobacter typhlonius*, *Myocoptes*, *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Radfordia/Myobia*, *Salmonella* spp., *Spironucleus muris*, *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*

Summary: Antibodies to MNV were detected by MFI2.

Antibodies to MHV were detected by MFI2 and confirmed by IFA.

Helicobacter spp., *Helicobacter ganmani*, *Helicobacter mastomyrinus*, *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Aspicularis tetraptera*, *Chilomastix* spp., *Radfordia/Myobia* and *Myocoptes* were detected by PCR.

All other test results were negative. Please see the report for details.

SEROLOGY SUMMARY

	GLD2
Ectromelia	-
EDIM	-
LCMV	-
<i>Mycoplasma pulmonis</i>	-
MAV1	-
MAV2	-
MHV	+
MNV	+
MPV	-
MVM	-
PVM	-
REO3	-
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	GLD2
<i>Chilomastix</i> spp.	+
<i>Citrobacter rodentium</i>	-
<i>Corynebacterium kutscheri</i>	-
<i>Cryptosporidium</i> spp.	-
<i>Eimeria</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>Pasteurella pneumotropica</i> biotype Jawetz	+
<i>Pasteurella pneumotropica</i> biotype Heyl	+
<i>Salmonella</i> spp.	-
<i>Streptobacillus moniliformis</i>	-

feces	GLD2
<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	-
<i>Entamoeba muris</i>	-
<i>Giardia muris</i>	-
<i>Spironucleus muris</i>	-
<i>Tritrichomonas muris</i>	-
<i>Aspiculuris tetraptera</i>	+
<i>Syphacia muris</i>	-
<i>Syphacia obvelata</i>	-

pelt swab	GLD2
<i>Myocoptes</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