

FINAL REPORT OF LABORATORY EXAMINATION
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IDEXX BioAnalytics Case # 66378-2020

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Submitted By

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Specimen Description

Species: mouse

Purchase Order #: E20416092

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

Number of Specimens/Animals: 6

Client ID	Investigator	Room #	Species	Rack	Specimen
48	KPM	KPM	mouse	506	feces_fur swab
49	KPM	KPM	mouse	515	feces_fur swab
50	KPM	KPM	mouse	516	feces_fur swab
48ab	KPM	KPM	mouse	506	Opti-Spot
49ab	KPM	KPM	mouse	515	Opti-Spot
50ab	KPM	KPM	mouse	516	Opti-Spot

Services/Tests Performed: Oslo Intermediate Mouse Serology (4-6); Oslo Intermediate Mouse PCR (1-3)

Serologic evaluation for antibodies to: EDIM, MHV, MNV, MPV, MVM, 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*, *Myocoptes*, *Pasteurella pneumotropica*, *Pasteurella pneumotropica* biotype Heyl, *Pasteurella pneumotropica* biotype Jawetz, *Radfordia/Myobia*, *Spironucleus muris*, *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: *Helicobacter* spp., *Helicobacter hepaticus* and *Helicobacter typhlonius* were detected by PCR.

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

SEROLOGY SUMMARY

	48ab	49ab	50ab
EDIM	-	-	-
MHV	-	-	-
MNV	-	-	-
MPV	-	-	-
MVM	-	-	-
TMEV	-	-	-
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	48	49	50
<i>Cryptosporidium</i> spp.	-	-	-
<i>Helicobacter</i> spp.	-	+	-
<i>Helicobacter bilis</i>	-	-	-
<i>Helicobacter ganmani</i>	-	-	-
<i>Helicobacter hepaticus</i>	-	+	-
<i>Helicobacter mastomysinus</i>	-	-	-
<i>Helicobacter rodentium</i>	-	-	-
<i>Helicobacter typhlonius</i>	-	+	-
<i>Pasteurella pneumotropica</i>	-	-	-
<i>Pasteurella pneumotropica</i> biotype Jawetz	-	-	-
<i>Pasteurella pneumotropica</i> biotype Heyl	-	-	-
<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>Aspicularis tetraptera</i>	-	-	-

feces	48	49	50
<i>Syphacia muris</i>	-	-	-
<i>Syphacia obvelata</i>	-	-	-

pelt swab	48	49	50
<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