

**FINAL REPORT OF LABORATORY EXAMINATION**  
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IDEXX BioAnalytics Case # 66390-2020

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## **Submitted By**

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## Specimen Description

Species: rat Purchase Order #: E20416092

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

Number of Specimens/Animals: 14

Client ID	Investigator	Room #	Species	Rack	Specimen
39	KPM	MDU 045	rat	901a	feces_fur swab
40	KPM	MDU 045	rat	901b	feces_fur swab
41	KPM	MDU 045	rat	930a	feces_fur swab
42	KPM	MDU 045	rat	930b	feces_fur swab
43	KPM	MDU 045	rat	E01	feces_fur swab
39ab	KPM	MDU 045	rat	901a	Opti-Spot
40ab	KPM	MDU 045	rat	901b	Opti-Spot
41ab	KPM	MDU 045	rat	930a	Opti-Spot
42ab	KPM	MDU 045	rat	930b	Opti-Spot
43ab	KPM	MDU 045	rat	E01	Opti-Spot
44ab	KPM	MDU 045	rat	E03	Opti-Spot
45ab	KPM	MDU 045	rat	E05	Opti-Spot
46ab	KPM	MDU 045	rat	E07	Opti-Spot
47ab	KPM	MDU 045	rat	E08	Opti-Spot

**Services/Tests Performed:** Oslo Intermediate Rat Serology (6-14); Oslo Intermediate Rat PCR (1-5)

**Serologic evaluation for antibodies to:** *Clostridium piliforme*, *Mycoplasma pulmonis*, H1, KRV, PVM, RCV/SDAV, RMV, RPV, RTV

**PCR evaluation for:** *Aspiculuris tetraphera*, *Cryptosporidium* 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*, *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:** All test results were negative.

## SEROLOGY SUMMARY

	39ab	40ab	41ab	42ab	43ab	44ab	45ab	46ab	47ab
<i>Mycoplasma pulmonis</i>	-	-	-	-	-	-	-	-	-
<i>RPV</i>	-	-	-	-	-	-	-	-	-
<i>RMV</i>	-	-	-	-	-	-	-	-	-
<i>KRV</i>	-	-	-	-	-	-	-	-	-
<i>H1</i>	-	-	-	-	-	-	-	-	-
<i>PVM</i>	-	-	-	-	-	-	-	-	-
<i>RCV/SDAV</i>	-	-	-	-	-	-	-	-	-
<i>RTV</i>	-	-	-	-	-	-	-	-	-
<i>Clostridium piliforme</i>	-	-	-	-	-	-	-	-	-
Rat IgG	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

## PCR EVALUATION

feces	39	40	41	42	43
<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> 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>	-	-	-	-	-

feces	39	40	41	42	43
<i>Tritrichomonas muris</i>	-	-	-	-	-
<i>Aspiculuris tetaptera</i>	-	-	-	-	-
<i>Syphacia muris</i>	-	-	-	-	-
<i>Syphacia obvelata</i>	-	-	-	-	-

pelt swab	39	40	41	42	43
<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