

FINAL REPORT OF LABORATORY EXAMINATION

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IDEXX BioAnalytics Case # 17150-2019

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Submitted By

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Specimen Description

Species: guinea pig
Breed/Strain: Hartley
Description: Feces; Other
Number of Specimens/Animals: 2

Client ID	Investigator	Species	Strain /Breed	Sex
GP1	KJR	guinea pig	Hartley	F
GP2	KJR	guinea pig	Hartley	F

Services/Tests Performed: Robinson Guinea Pig Quarterly Panel A

Serologic evaluation for antibodies to: LCMV, PVM, REO3, Sendai, SV5, *Encephalitozoon cuniculi*, GPAV

PCR evaluation for: *Bordetella bronchiseptica*, *Salmonella* spp., *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

Parasitologic evaluation for: helminth ova, coccidial oocysts, fur mites, mesostigmatid mites, and lice

General Comments: Other - Dry Oral Swab; Fur Pluck; Opti-Spot

Summary: Reactivity to GPAV was detected by MFI in multiple samples. The follow-up GPAV IFA test results were negative. This pattern of reactivity may represent an early immune response to GPAV infection. Evaluation of cohort samples is recommended for definitive diagnosis. Please see the report for details.

SEROLOGY SUMMARY

	GP1	GP2
<i>Encephalitozoon cuniculi</i>	-	-
LCMV	-	-
GPAV	-	-
PVM	-	-
REO3	-	-
Sendai	-	-
SV5	-	-
Guinea Pig 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

PCR EVALUATION

feces	GP1	GP2
<i>Bordetella bronchiseptica</i>	-	-
<i>Salmonella</i> spp.	-	-
<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	GP1	GP2
<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	-	-

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

PARASITOLOGY

	GP1	GP2
parasites	-	-