

**FINAL REPORT OF LABORATORY EXAMINATION**

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**IDEXX BioResearch Case # 27784-2016**

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**Specimen Description**

Species: rabbit  
 Number of Specimens/Animals: 1

ID	Investigator	Strain /Breed	Sex
1	Robinson	Dutch	F

**Services/Tests Performed:** Comprehensive Necropsy (1); Comprehensive Necropsy Micro Panel (1); Comprehensive Necropsy Histo Panel (1); sporulation of coccidian oocysts (1)

**Serologic evaluation for antibodies to:** *Clostridium piliforme*, CAR bacillus, Rotavirus, Treponema, *Encephalitozoon cuniculi*

**Histopathologic evaluation for:** brain, cecum, colon, duodenum, heart, ileum, kidney, liver, lung, ovaries, skeletal muscle, spleen, stomach, uterus

**Parasitologic evaluation for:** ectoparasites, helminths and protozoa

**Microbiologic evaluation for:** *Bordetella bronchiseptica*, *Pasteurella multocida*, *Salmonella enterica*

**Summary:** Fecal flotation was performed and the sample was positive for Eimeria sp. oocysts. Sporulation of coccidian oocysts with subsequent microscopic examination was performed and species results are provided in the parasitology table.

Antibodies to CAR bacillus were detected by MFI2 in sample 1 and confirmed by IFA. Please see the report for details.

## NECROPSY

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

## SEROLOGY SUMMARY

	1
CAR bacillus	+
<i>Encephalitozoon cuniculi</i>	-
Treponema	-
<i>Clostridium piliforme</i>	-
Rotavirus	-
Rabbit 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

## PARASITOLOGY

	1
<i>Eimeria</i> sp.	+
other parasites	-

	1
<i>Eimeria magna</i>	+
<i>Eimeria media</i>	+
<i>Eimeria perforans</i>	+
other parasites	-

## HISTOPATHOLOGY

brain	1
lesions	-

cecum	1
lesions	-

colon	1
lesions	-

<b>duodenum</b>	<b>1</b>
lesions	-
<b>heart</b>	<b>1</b>
lesions	-
<b>ileum</b>	<b>1</b>
coccidial organisms within mucosa; mild mucosal lympho eosinophilic infiltrate	+
<b>kidney</b>	<b>1</b>
lesions	-
<b>liver</b>	<b>1</b>
lesions	-
<b>lung</b>	<b>1</b>
mild bronchiolar epithelial hyperplasia and cytoplasmic hyalinosis	+
mild multifocal perivascular lymphoid aggregates	+
several large peribronchiolar lymphoid aggregates with transmucosal lymphocyte migration	+
<b>ovaries</b>	<b>1</b>
lesions	-
<b>skeletal muscle</b>	<b>1</b>
lesions	-
<b>spleen</b>	<b>1</b>
lesions	-
<b>stomach</b>	<b>1</b>
lesions	-
<b>uterus</b>	<b>1</b>
lesions	-

## MICROBIOLOGY

Specimen/Source: cecum

Isolate	1
<i>Salmonella enterica</i>	-

Specimen/Source: nasopharynx

Isolate	1
<i>Bordetella bronchiseptica</i>	-
<i>Pasteurella multocida</i>	-

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