

**FINAL REPORT OF LABORATORY EXAMINATION**

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**IDEXX BioResearch Case # 8527-2016**

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**Submitted By**

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**Specimen Description**

Species: rabbit  
Number of Specimens/Animals: 1

| ID | Investigator | Strain /Breed |
|----|--------------|---------------|
| 1  | K. Robinson  | NZW           |

**Services/Tests Performed:** Comprehensive Necropsy; Comprehensive Necropsy Histo Panel; Comprehensive Necropsy Micro Panel

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

**Histopathologic evaluation for:** brain, cecum, colon, duodenum, epididymis, heart, ileum, kidney, liver, lung, seminal vesicle, skeletal muscle, spleen, stomach, testes

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

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

**Summary:** Antibodies to CAR bacillus were detected by MF12 and confirmed by IFA in sample 1.

No significant lesions were identified in any of the tissues examined by histopathology. 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>    | - |
| 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 |
|-----------|---|
| parasites | - |

## HISTOPATHOLOGY

| brain   | 1 |
|---------|---|
| lesions | - |

| cecum   | 1 |
|---------|---|
| lesions | - |

| colon   | 1 |
|---------|---|
| lesions | - |

| duodenum | 1 |
|----------|---|
| lesions  | - |

| epididymis | 1 |
|------------|---|
| lesions    | - |

| heart   | 1 |
|---------|---|
| lesions | - |

|                      |          |
|----------------------|----------|
| <b>ileum</b>         | <b>1</b> |
| two mucosal syncytia | +        |

|                             |          |
|-----------------------------|----------|
| <b>kidney</b>               | <b>1</b> |
| nephrocalcinosis            | +        |
| proteinaceous tubular casts | +        |

|              |          |
|--------------|----------|
| <b>liver</b> | <b>1</b> |
| lesions      | -        |

|                                    |          |
|------------------------------------|----------|
| <b>lung</b>                        | <b>1</b> |
| focal minor alveolar histiocytosis | +        |

|                        |          |
|------------------------|----------|
| <b>seminal vesicle</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>testes</b> | <b>1</b> |
| lesions       | -        |

## MICROBIOLOGY

Specimen/Source: cecum

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

Specimen/Source: nasopharynx

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

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