



Testing Lab: Kord Animal Health Diagnostic Laboratory (KAHDL)

Client: Rock-N-Country Veterinary Services
PO Box 18, 6545 Arno Rd
College Grove, TN 37046

Case Coordinators:

Date Received: 01/18/2022

Owner: Mary Curtis

Report Date: 01/21/2022

Veterinarian: Dr. Jonathan Pribluda

FINAL REPORT

Medical History: Medical history on file

IMMUNOLOGY

Test: Caprine Arthritis Encephalitis-ELISA

Animals::Specimens	Collection Date	Result	Comment
1-Fancy :: Serum	01/17/2022	Negative	
2-Gretel :: Serum	01/17/2022	Negative	
3-Hansel :: Serum	01/17/2022	Negative	
4-Athena :: Serum	01/17/2022	Negative	
5-Dessa :: Serum	01/17/2022	Negative	
6-Thumbelina :: Serum	01/17/2022	Negative	
7-Serenity :: Serum	01/17/2022	Negative	
8-Pearl :: Serum	01/17/2022	Negative	
9-Pandora :: Serum	01/17/2022	Negative	
10-Pyrrha :: Serum	01/17/2022	Negative	
11-Ambrosia :: Serum	01/17/2022	Negative	
12-Sunny :: Serum	01/17/2022	Negative	
13-Cookie :: Serum	01/17/2022	Negative	
14-Eddie :: Serum	01/17/2022	Negative	
15-Cobalt :: Serum	01/17/2022	Negative	
16-Kiwi :: Serum	01/17/2022	Negative	

Test: Johne's (Caprine)- ELISA ¹

Animals::Specimens	Collection Date	Result	S/P
1-Fancy :: Serum	01/17/2022	Negative	
2-Gretel :: Serum	01/17/2022	Negative	
3-Hansel :: Serum	01/17/2022	Negative	
4-Athena :: Serum	01/17/2022	Negative	
5-Dessa :: Serum	01/17/2022	Negative	

Animals::Specimens	Collection Date	Result	S/P
6-Thumbelina :: Serum	01/17/2022	Negative	
7-Serenity :: Serum	01/17/2022	Negative	
8-Pearl :: Serum	01/17/2022	Negative	
9-Pandora :: Serum	01/17/2022	Negative	
10-Pyrrha :: Serum	01/17/2022	Negative	
11-Ambrosia :: Serum	01/17/2022	Negative	
12-Sunny :: Serum	01/17/2022	Negative	
13-Cookie :: Serum	01/17/2022	Negative	
14-Eddie :: Serum	01/17/2022	Negative	
15-Cobalt :: Serum	01/17/2022	Negative	
16-Kiwi :: Serum	01/17/2022	Negative	

Footnotes

1: Johne's Disease ELISA

Caprine serum samples with sample-to-positive (S/P) ratios <0.800 are classified as negative for antibodies against *Mycobacterium avium* ssp *paratuberculosis* (MAP [Johne's Disease]). Caprine serum samples with S/P ratios of ≥ 0.800 are classified as positive for MAP antibodies. As S/P values increase so does the likelihood of the animal having Johne's disease.

Detection of the organism in the feces can substantiate clinical findings and serologic results. The Kord Laboratory offers PCR testing on feces for detection of MAP. Contact the laboratory regarding fecal submissions.

Test: Q-Fever-IFA ²

Animals::Specimens	Collection Date	Result	IgG Titer
1-Fancy :: Serum	01/17/2022	Negative	<1:16
2-Gretel :: Serum	01/17/2022	Negative	<1:16
3-Hansel :: Serum	01/17/2022	Negative	<1:16
4-Athena :: Serum	01/17/2022	Negative	<1:16
5-Dessa :: Serum	01/17/2022	Negative	<1:16
6-Thumbelina :: Serum	01/17/2022	Negative	<1:16
7-Serenity :: Serum	01/17/2022	Negative	<1:16
8-Pearl :: Serum	01/17/2022	Negative	<1:16
9-Pandora :: Serum	01/17/2022	Negative	<1:16
10-Pyrrha :: Serum	01/17/2022	Negative	<1:16
11-Ambrosia :: Serum	01/17/2022	Negative	<1:16
12-Sunny :: Serum	01/17/2022	Negative	<1:16



Animals::Specimens	Collection Date	Result	IgG Titer
13-Cookie :: Serum	01/17/2022	Negative	<1:16
14-Eddie :: Serum	01/17/2022	Negative	<1:16
15-Cobalt :: Serum	01/17/2022	Negative	<1:16
16-Kiwi :: Serum	01/17/2022	Negative	<1:16

Footnotes

2: Q Fever (Coxiella) results are titered at - 1:16, 32, 64, 128

Authorized by: Joyce Doyle, MS
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MOLECULAR DIAGNOSTICS

Test: Test Not Performed

Animals::Specimens	Collection Date	Comment
1-Fancy :: Feces	01/17/2022	More than 5 fecal samples were submitted for Johne’s PCR. Therefore serum samples will be tested first for Johne’s via ELISA. If any ELISAs are positive, their accompanying fecal samples will be tested for Johne’s via PCR.

Section Comments

Johne’s PCR is not performed on animals under 18 months.

Due to the biology of Johne’s infection, only adult cattle (18 months and older) produce the targets needed by diagnostic tests. That is, calves can be infected while very young, but they may not shed the organism, or may only shed the organism intermittently, causing false negative results.

Diagnosis – Johne's Information Center – UW–Madison (johnes.org)

Authorized by: Naomi Kelly
Microbiologist 3

Notice: *The Kord Laboratory Use Guide is available at: www.tn.gov/agriculture/diagnostic*

All laboratory activities related to this accession were performed between the Date Received and the Report Date, and the results shown above relate only to the items tested. This test report shall not be reproduced except in full without written approval of the laboratory.



Our Laboratory has transitioned to the CoreOne laboratory information management system (LIMS). With this transition, we have updated our report design.

Previous versions of this report

We have previously issued interim and/or final reports for this accession with the following names:

preliminary_report_K220180016_2022-01-20_12-10-33.pdf, preliminary_report_K220180016_2022-01-20_13-53-54.pdf,
preliminary_report_K220180016_2022-01-21_07-59-40.pdf, preliminary_report_K220180016_2022-01-21_16-51-26.pdf