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<http://diagcenter.vet.cornell.edu>

Finalized Report

Accession Number: **56017-10**

Owner: Fran Bishop
Premise ID: 00BVDZA

Dr Mary S Bochino - (1267)
Dr Mary Bochino
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Sampled: 05/11/2010
Received: 05/14/2010
Finalized: 05/19/2010

PARATUBERCULOSIS

607-266-8965

Johne's AGID

Item	Result
1 WELLINGTON - Caprine Goat, Nos Male	Negative
2 TWIX - Caprine Goat, Nos Male	Negative
3 T REX - Caprine Pygmy Goat Castrate	Negative
4 I AM SAM - Caprine Pygmy Goat Male	Negative
5 OZ - Caprine Pygmy Goat Male	Negative
6 WAYNE FRINK - Caprine Pygmy Goat Castrate	Negative
7 NIGHT HAWK - Caprine Goat, Nos Male	Negative
8 TRILLIUM - Caprine Pygmy Goat Female	Negative
9 YOGI - Caprine Pygmy Goat Castrate	Negative
10 YANTSE - Caprine Pygmy Goat Castrate	Negative
11 YULA - Caprine Pygmy Goat Female	Negative
12 VICTORY - Caprine Pygmy Goat Female	Negative
13 SKY - Caprine Goat, Nos Castrate	Negative
14 ZENIA - Caprine Goat, Nos Female	Negative
15 SARCELLE - Caprine Goat, Nos Female	Negative

Johne's AGID

Item	Result
16 SERENA - Caprine Goat, Nos Female	Negative
17 WHISPER - Caprine Goat, Nos Female	Negative
18 TEKLA - Caprine Goat, Nos Female	Negative
19 XYLIA - Caprine Goat, Nos Female	Negative
20 LADYBUG - Caprine Goat, Nos Female	Negative
21 PTARMIGNA - Caprine Goat, Nos Female	Negative
22 JOSIE - Caprine Goat, Nos Female	Negative
23 ROMONA - Caprine Goat, Nos Female	Negative
24 XOTIC EVE - Caprine Goat, Nos Female	Negative
25 VIVECA - Caprine Goat, Nos Female	Negative
26 EARL E BIRD - Caprine Goat, Nos Male	Negative
27 YAO MING - Caprine Goat, Nos Male	Negative

Johne's AGID

The Johne's AGID test is of low sensitivity (average 20-30%) and high specificity (>99%). It is common for infected animals to remain negative on the AGID test until their infection has progressed to an advanced stage. Therefore, a negative test result does not rule out infection, but a negative test result is unlikely (<15%) in an animal with clinical signs related to *M. paratuberculosis* infection. A positive test result is generally an indication of advanced subclinical or clinical infection. Other mycobacterial infections (uncommon) can occasionally cause (usually transient) cross reactivity on AGID. Segregation of the suspect animal and repeat testing at an interval of 10-12 weeks is recommended if test results are not in line with the clinical picture of herd status.

Fecal culture or tissue culture at necropsy is recommended to obtain definitive evidence of infection in the herd or individual animals displaying elevated serology results, or whenever significant decisions are to be made based on Johne's test positive status.

VIROLOGY

607-253-3900

Caprine Arthritis Enceph Vir cELISA

Item	Result
1 WELLINGTON - Caprine Goat, Nos Male	Negative 2%
2 TWIX - Caprine Goat, Nos Male	Negative 13%
3 T REX - Caprine Pygmy Goat Castrate	Negative 0%
4 I AM SAM - Caprine Pygmy Goat Male	Negative 0%
5 OZ - Caprine Pygmy Goat Male	Negative 1%
6 WAYNE FRINK - Caprine Pygmy Goat Castrate	Negative 3%
7 NIGHT HAWK - Caprine Goat, Nos Male	Negative 2%

Caprine Arthritis Enceph Vir cELISA

Item	Result
8 TRILLIUM - Caprine Pygmy Goat Female	Negative 0%
9 YOGI - Caprine Pygmy Goat Castrate	Negative 0%
10 YANTSE - Caprine Pygmy Goat Castrate	Negative 0%
11 YULA - Caprine Pygmy Goat Female	Negative 0%
12 VICTORY - Caprine Pygmy Goat Female	Negative 0%
13 SKY - Caprine Goat, Nos Castrate	Negative 5%
14 ZENIA - Caprine Goat, Nos Female	Negative 0%
15 SARCELLE - Caprine Goat, Nos Female	Negative 17%
16 SERENA - Caprine Goat, Nos Female	Negative 1%
17 WHISPER - Caprine Goat, Nos Female	Negative 0%
18 TEKLA - Caprine Goat, Nos Female	Negative 3%
19 XYLIA - Caprine Goat, Nos Female	Negative 0%
20 LADYBUG - Caprine Goat, Nos Female	Negative 3%
21 PTARMIGNA - Caprine Goat, Nos Female	Negative 3%
22 JOSIE - Caprine Goat, Nos Female	Negative 0%
23 ROMONA - Caprine Goat, Nos Female	Negative 4%
24 XOTIC EVE - Caprine Goat, Nos Female	Negative 8%
25 VIVECA - Caprine Goat, Nos Female	Negative 7%
26 EARL E BIRD - Caprine Goat, Nos Male	Negative 0%
27 YAO MING - Caprine Goat, Nos Male	Negative 0%

Caprine Arthritis Enceph Vir cELISA

The caprine arthritis encephalitis virus ELISA (cELISA) test is used to detect antibodies made in response to infection by CAEV. In this test format, antibody is detected through its ability to compete with a labeled antibody in the test kit for binding sites on the virus antigen coating the test plate. A % inhibition value is calculated for each test serum and the test kit was licensed using a cut-off value of 35% --above 35% = positive. For animals with values between 30% (high negative) and 40% (low positive), we recommend retesting the animals in 3-4 weeks after the initial sampling.