



**Test Report**

External Id: Various - 10 Sample Sources Species: Caprine Breed: Caprine (G) Sex: Age: Location: T0C 0J0	Clinic Number: Submitted: 23-Apr-2021 Collected: 21-Apr-2021 Veterinarian: Dr. Westling, Melissa Owner: Lauren Topping Copy To: Copy To: Samples Submitted: Serum x 10
GULL LAKE VETERINARY SERVICES RR3 SITE 3 BOX 12 LACOMBE, AB T4L 2N3	
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**Contents: Mycobacterium paratuberculosis (Johne's) ELISA (FINAL) x 10, Caprine Arthritis and Encephalitis (CAE) ELISA (FINAL) x 10**

**ELISA Serology Result - Final**

**Comment:**

Please note: The cut-off values for antibodies to *M. avium* ssp. *paratuberculosis* are those used for cattle; diagnostic cut-off values for other ruminants have not been established. As for cattle, PCR testing of feces is recommended for confirmation of results.

The report relates only to the samples tested.

Collected: 21-Apr-2021	Received: 23-Apr-2021	Tested: 27-Apr-2021	Completed: 27-Apr-2021
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**Mycobacterium paratuberculosis (Johne's) ELISA**

Internal Id	ID	Sample	Target	Value	Result	Comment
A-01	Fire	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	-0.002	Negative	
A-02	Meredith	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.003	Negative	
A-03	Griffin	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	-0.003	Negative	
A-04	Ellie	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.004	Negative	
A-05	Star	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.032	Negative	
A-06	Sunbear	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.020	Negative	
A-07	Blondy	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	-0.001	Negative	
A-08	Luna	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.016	Negative	
A-09	Snowy	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	-0.005	Negative	
A-10	Hilda	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.003	Negative	

**Laboratory method: SERO1**

The antibody level is expressed as a ratio of the test result for the sample and a positive control serum (S/P), and is interpreted in the table below.

PCR testing of feces to detect shedding of bacteria is recommended for confirmation of results. If you have questions about these results, please contact the laboratory.

Value	Interpretation
Serum Milk	
<=0.45 <=0.20	Negative
>0.45 and <0.55 >0.20 and <0.30	Suspect

&gt;=0.55

&gt;=0.30

Positive

## Caprine Arthritis and Encephalitis (CAE) ELISA

Internal Id	ID	Sample	Target	Value	Result	Comment
A-01	Fire	Serum	Caprine arthritis encephalitis virus	9%	Negative	
A-02	Meredith	Serum	Caprine arthritis encephalitis virus	10%	Negative	
A-03	Griffin	Serum	Caprine arthritis encephalitis virus	7%	Negative	
A-04	Ellie	Serum	Caprine arthritis encephalitis virus	12%	Negative	
A-05	Star	Serum	Caprine arthritis encephalitis virus	4%	Negative	
A-06	Sunbear	Serum	Caprine arthritis encephalitis virus	8%	Negative	
A-07	Blondy	Serum	Caprine arthritis encephalitis virus	5%	Negative	
A-08	Luna	Serum	Caprine arthritis encephalitis virus	12%	Negative	
A-09	Snowy	Serum	Caprine arthritis encephalitis virus	21%	Negative	
A-10	Hilda	Serum	Caprine arthritis encephalitis virus	3%	Negative	

Laboratory Method: SERO17

Antibody levels to Caprine Arthritis-Encephalitis Virus (CAEV) are determined using a competitive ELISA. Antibodies in the serum sample compete with a monoclonal antibody for binding to viral antigen. The result is expressed as the percentage inhibition, and values of 35% or greater are considered positive.

Authorizing Signature:



Date: 27-Apr-2021

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