



Test Report

External Id: Various - 4 Sample Sources Species: Ovine Breed: Southdown X (O) Sex: Age: Location: TOC 0J0	Clinic Number: Submitted: 10-Aug-2021 Collected: 06-Aug-2021 Veterinarian: Dr. Seib, Laverne Owner: Lauren Topping Copy To: Copy To: Samples Submitted: Serum x 4
GULL LAKE VETERINARY SERVICES RR3 SITE 3 BOX 12 LACOMBE, AB T4L 2N3	
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Contents: Ovine Progressive Pneumonia (OPP) ELISA (FINAL) x 4, Mycobacterium paratuberculosis (Johne's) ELISA (FINAL) x 4

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.

Collected: 06-Aug-2021	Received: 10-Aug-2021	Tested: 11-Aug-2021	Completed: 13-Aug-2021
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Ovine Progressive Pneumonia (OPP) ELISA

Internal Id	ID	Sample	Target	Value	Result	Comment
A-01	Kali	Serum	Maedi-Visna virus	0%	Negative	
A-02	Sweet Pea	Serum	Maedi-Visna virus	0%	Negative	
A-03	Wild Thing	Serum	Maedi-Visna virus	0%	Negative	
A-04	Chewy	Serum	Maedi-Visna virus	8%	Negative	

Laboratory Method: SERO17

Antibody levels to Maedi-Visna Virus (MVV), the causative agent for Ovine Progressive Pneumonia (OPP), 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.

Mycobacterium paratuberculosis (Johne's) ELISA

Internal Id	ID	Sample	Target	Value	Result	Comment
A-01	Kali	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.179	Negative	
A-02	Sweet Pea	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.024	Negative	
A-03	Wild Thing	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.012	Negative	
A-04	Chewy	Serum	<i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i>	0.058	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
≥ 0.55	≥ 0.30	Positive

Authorizing Signature:  Date: 13-Aug-2021

Maria Bravo Araya, DVM, MSc, Veterinary
Microbiologist