

Washington Animal Disease Diagnostic Lab

**P.O. Box 647034
Pullman, WA 99164-7034
Telephone : (509) 335-9696
Fax : (509) 335-7424**

**Case#: 2017-14712
Report Date: 11/17/17**

**McLam, Christy
360 Birch Ridge Dr**

Bradford, VT 05033

Submittal Date: 11/14/17
Owner: McLam, Christy

Species: Domestic Goat

Age:
Sex:

Final Report:

Serology- Reported on 11/17/17 Authorized by James Evermann, Section Head

Johne's Disease by ELISA

Specimen	Animal	SP ratio	Result
1 A Blood, Clotted	Belshezaar	0.000	Negative
2 A Blood, Clotted	Chernoble	0.004	Negative
3 A Blood, Clotted	Proclaim	0.003	Negative
4 A Blood, Clotted	Revenant	0.003	Negative
5 A Blood, Clotted	Rapscallion	0.000	Negative
6 A Blood, Clotted	Storm warning	0.004	Negative
7 A Blood, Clotted	Capriccio	0.000	Negative
8 A Blood, Clotted	Fleurette	0.003	Negative
9 A Blood, Clotted	Question mark	-0.001	Negative
10 A Blood, Clotted	Emmaline	0.001	Negative
11 A Blood, Clotted	Rumor	0.002	Negative
12 A Blood, Clotted	Mizz Fit	-0.001	Negative
13 A Blood, Clotted	Moringa	0.010	Negative
14 A Blood, Clotted	Poison Ivy	0.000	Negative
15 A Blood, Clotted	Lulu	-0.001	Negative
16 A Blood, Clotted	Ameerah	0.000	Negative
17 A Blood, Clotted	February	-0.003	Negative
18 A Blood, Clotted	Diedre	-0.001	Negative
19 A Blood, Clotted	Darlin	-0.002	Negative
20 A Blood, Clotted	Nalani	-0.001	Negative
21 A Blood, Clotted	Kohana	0.000	Negative
22 A Blood, Clotted	Danikah	0.005	Negative
23 A Blood, Clotted	Penny	-0.001	Negative
24 A Blood, Clotted	Safira	-0.001	Negative
25 A Blood, Clotted	Delight	0.001	Negative
26 A Blood, Clotted	Chase Tushka	-0.002	Negative
27 A Blood, Clotted	Elsa	0.000	Negative
28 A Blood, Clotted	Fiji	-0.002	Negative

Washington Animal Disease Diagnostic Lab

Lentivirus ELISA goats/sheep

Specimen	Animal	% I	Result
1 A Blood, Clotted	Belshezaar	0.841	Negative
2 A Blood, Clotted	Chernoble	-3.013	Negative
3 A Blood, Clotted	Proclaim	-8.970	Negative
4 A Blood, Clotted	Revenant	-7.335	Negative
5 A Blood, Clotted	Rapscallion	-13.291	Negative
6 A Blood, Clotted	Storm warning	-7.218	Negative
7 A Blood, Clotted	Capriccio	8.900	Negative
8 A Blood, Clotted	Fleurette	-0.444	Negative
9 A Blood, Clotted	Question mark	2.943	Negative
10 A Blood, Clotted	Emmaline	-4.882	Negative
11 A Blood, Clotted	Rumor	-11.890	Negative
12 A Blood, Clotted	Mizz Fit	2.126	Negative
13 A Blood, Clotted	Moringa	2.126	Negative
14 A Blood, Clotted	Poison Ivy	-12.240	Negative
15 A Blood, Clotted	Lulu	-12.824	Negative
16 A Blood, Clotted	Ameerah	-7.802	Negative
17 A Blood, Clotted	February	3.527	Negative
18 A Blood, Clotted	Diedre	-11.189	Negative
19 A Blood, Clotted	Darlin	-9.087	Negative
20 A Blood, Clotted	Nalani	10.418	Negative
21 A Blood, Clotted	Kohana	-0.444	Negative
22 A Blood, Clotted	Danikah	-3.714	Negative
23 A Blood, Clotted	Penny	7.381	Negative
24 A Blood, Clotted	Safira	-5.816	Negative
25 A Blood, Clotted	Delight	8.433	Negative
26 A Blood, Clotted	Chase Tushka	-9.671	Negative
27 A Blood, Clotted	Elsa	-4.882	Negative
28 A Blood, Clotted	Fiji	3.761	Negative

Pregnancy Test by ELISA

Specimen	Animal	S - N Ratio	Result
28 A Blood, Clotted	Fiji	1.044	Pregnant

Johne's Disease by ELISA SOP: 203.3.2.2015.07.27

Negative: Antibodies to *M. paratuberculosis* were not detected. The animal is either not infected or in a very early, undetectable stage of infection.

Suspect: Low level of serum antibodies but above normal background levels. The animal may be in the early stages of infection. Cattle with this result are roughly 15 times more likely to be *M. paratuberculosis* infected than ELISA negative animals. Fecal culture or repeat serologic testing needed to resolve status.

Positive: Serum (cattle, goats, sheep)/milk (cattle only) antibodies to *M. paratuberculosis* detected. This animal is likely to be shedding the bacterium in its feces and possibly in its milk. Recommend animal be segregated.

Serology Test interpretation comments:

SRLV - Small Ruminant Lentivirus (CAE/OPP) (cELISA) SOP: 203.16.1.2014.10.22

Negative: No antibody to small ruminant lentivirus (SRLV) detected. Submit an additional serum sample drawn in 60 - 90 days in order to detect recent infection.

POSITIVE: Antibody to small ruminant lentivirus (SRLV) detected. A positive result indicates infection or passively acquired antibody via colostrum or serum therapy.

The percentage inhibition value is used only to determine the cutoff for detection (or non-detection) of specific antibody to Small Ruminant Lentivirus (CAE/OPP) per the kit manufacturer's requirements. It is NOT a substitute for antibody titer, nor is it used to predict clinical disease status or likelihood of developing clinical disease. If there are any questions regarding the assay, results or interpretation, please contact the laboratory and ask for the Consulting Microbiologist.

NOTE: SRLV includes caprine arthritis-encephalitis virus (CAEV) and ovine progressive pneumonia virus (OPPV)/ Maedi-Visna. Recent molecular epidemiology has shown both viruses are variants within a group best characterized as small ruminant lentiviruses. The c-ELISA detects both variants. For more information on CAE, please reference: <http://waddl.vetmed.wsu.edu/animal-disease-faq/cae>

Pregnancy Test by ELISA SOP: 203.23.2016.02.23

The IDEXX Pregnancy ELISA measures early pregnancy-associated glycoproteins (early PAGs) which develop 28-35 days after conception

Animals with ELISA S - N values less than 0.300 are considered open or in the first month of pregnancy prior to the development of detectable levels of early PAGs.

Animals with ELISA S - N values equal to or greater than 0.300 are considered pregnant. Embryonic death is common in early stages of pregnancy. PAGs can circulate in animals for some time after early embryonic death.

An optional recheck of the animal collected 7-10 days after the first sample collection is recommended if the S - N value is equal to or greater than 0.300 and less than 1.00.

WADDL encourages producers to work closely with their Veterinarian to develop a reproductive management program that is appropriate for their operation. For more information, please refer to the client information sheet at: <http://www.vetmed.wsu.edu/animal-disease-faq/pregnancy>