

Washington Animal Disease Diagnostic Lab

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

**Case#: 2019-1590
Report Date: 02/13/19**

**Dr. Jonatan Pribluda
Rock N Country Vet Svc.
PO Box 18**

College Grove, TN 37046

Submittal Date: 02/06/19
Owner: Curtis, Mary

Species: Domestic Goat
Breed: Nigerian Dwarf Goat

Age:
Sex:

Final Report:

Serology- Reported on 02/13/19 Authorized by James Evermann, Section Head

Please see Serology test interpretation comments at end of report

Sample	Animal	B.aborRB
1 A Serum	Post Script	Neg
2 A Serum	Cobalt	Neg
3 A Serum	Eddie	Neg
4 A Serum	Fancy	Neg
5 A Serum	Hansel	Neg
6 A Serum	Athena	Neg
7 A Serum	Pandora	Neg
8 A Serum	GreteI	Neg
9 A Serum	Anastasia	Neg
10 A Serum	Maleficent	Neg

Previously reported results:

Serology- Last reported on 02/07/19 Authorized by James Evermann, Section Head

Please see Serology test interpretation comments at end of report

Sample	Animal	Cascous
1 A Serum	Post Script	Neg
2 A Serum	Cobalt	Neg
3 A Serum	Eddie	Neg
4 A Serum	Fancy	Neg
5 A Serum	Hansel	Neg
6 A Serum	Athena	Neg
7 A Serum	Pandora	Neg
8 A Serum	GreteI	Neg

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Sample	Animal	Caseous
9 A Serum	Anastasia	Neg
10 A Serum	Maleficent	Neg

Serology Test interpretation comments:

Brucella abortus (Small Ruminant - 3% Rose Bengal Card Test) : SOP-SERO-17

Negative (Neg): Negative for antibodies to *B. abortus*, *B. suis* and *B. melitensis*.

POSITIVE (POS): Positive for antibodies to *B. abortus*, *B. suis*, and/or *B. melitensis*. FPA will be run per the directions of the District Epidemiological Officer.

Caseous Lymphadenitis SHI-testing. : SOP-SERO-33

Synergistic Hemolysin-Inhibition Test (SHI-test) measures the antibody response to the exotoxin of *Corynebacterium pseudotuberculosis*, the causative agent of caseous lymphadenitis in sheep and goats, and pigeon fever or breastbone fever in horses.

Titers of < 1:8 are considered negative. The predictive value of negative titers is enhanced if all herd mates also test negative. *{Antibody negative results do not definitively rule out infection by C. pseudotuberculosis, therefore it is recommended that all abscesses be cultured regardless of antibody status. Antibody negative animals with an abscess should be isolated from herd mates.}*

Titers between 1:8 and 1:256 are interpreted as evidence of infection, colostral immunity or vaccination.