

Washington Animal Disease Diagnostic Lab

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

**Dixie Rock Ranch
35146 132nd Street**

Ipswich, SD 57451

**Case#: 2007-13343
Report Date: 10/18/07**

Submittal Date: 10/12/07
Owner: Dixie Rock Ranch

Species: Domestic Goat

Age:
Sex:

Final Report:

Serology- Reported on 10/18/07 Authorized by James Evermann, Section Head

Please see Serology test interpretation comments at end of report

Sample	Animal	CAE	Caseous	Johne's
1 A Serum	Dixie	Neg	Neg	Neg
2 A Serum	Dolly	Neg	Neg	Neg
3 A Serum	Kissy	Neg	Neg	Neg

Serology Test interpretation comments:

Caprine Arthritis-Encephalitis (C-ELISA) SOP: 203.16.1.05.06.01

Negative No antibody detected. Submit convalescent serum (60-90d) to detect recent exposure.

POSITIVE Antibody present indicating infection, or passively acquired antibody via colostrum or serum therapy.

Caseous Lymphadenitis SHI-testing. SOP: 203.9.1.05.07.29

Synergistic Hemolysin-Inhibition Test (SHI-test) measures the antibody response to the exotoxin of *Corynebacterium pseudotuberculosis*, the causative agent of caseous lymphadenitis.

Titers of <1:8 are considered negative. Titers of <1:8 for goats, and <1:4 in horses have been associated with false positive reactions (presumably due to common soil coryneforms). The predictive value of negative titers is enhanced if all herd mates also test negative.

Titers between 1:8 and 1:256 are interpreted as evidence of infection or vaccine exposure, but current or active infection cannot be distinguished from residual antibody based on a single sample result in this range. For confirmation of active infection, paired samples for detecting a rise in titer should be collected 4 weeks apart to detect a 2-fold change in titer.

Titers of 1:512 and higher suggest current active infection.

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Dixie Rock Ranch
35146 132nd Street

Ipswich, SD 57451

Case#: 2008-9785
Report Date: 08/08/08

Submittal Date: 08/06/08
Owner: Dixie Rock Ranch

Species: Domestic Goat

Age:
Sex:

Serology- Reported on 08/08/08 Authorized by James Evermann, Section Head

Please see Serology test interpretation comments at end of report

Sample	Animal	CAE	Caseous	Johne's
1 A Serum	Dixie	Neg	Neg	Neg
2 A Serum	Dolly	Neg	Neg	Neg
3 A Serum	Kissy	Neg	Neg	Neg
4 A Serum	Dustv	Neg	Neg	Neg
5 A Serum	Ribeye	Neg	Neg	Neg
6 A Serum	Sassy	Neg	Neg	Neg
7 A Serum	Rosie		Neg	Neg
8 A Serum	Domino		Neg	Neg
9 A Serum	Dottie		Neg	Neg
10 A Serum	Birdie		Neg	Neg
11 A Serum	Apache	Neg	Neg	Neg

Serology Test interpretation comments:

Caprine Arthritis-Encephalitis (C-ELISA) SOP: 203.16.1.05.06.01

Negative No antibody detected. Submit convalescent serum (60-90d) to detect recent exposure.

POSITIVE Antibody present indicating infection, or passively acquired antibody via colostrum or serum therapy.