

# Washington Animal Disease Diagnostic Lab

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**Dr. Katherine Thigpin  
Sale Creek Vet Services  
14801 May Rd.**

**Case#: 2021-17874  
Report Date: 11/16/21**

**Sale Creek, TN 37373**

Submittal Date: 11/12/21  
Owner: Thigpin Watson, Kathy

Species: Domestic Goat

Age:  
Sex:

## Final Report:

**Serology- Reported on 11/16/21** Authorized by James Evermann, Section Head

Please see Serology test interpretation comments at end of report

Sample	Animal	Caseous
13 A Serum	Nephrite	Neg
14 A Serum	Nelwinn	Neg
15 A Serum	Newspeak	Neg

### Johne's Disease by ELISA

Specimen	Animal	SP ratio	Result
13 A Blood, Serum Separator Tube	Nephrite	-0.000	Negative
14 A Blood, Serum Separator Tube	Nelwinn	0.002	Negative
15 A Blood, Serum Separator Tube	Newspeak	-0.002	Negative

### Lentivirus ELISA goats/sheep

Specimen	Animal	% I	Result
1 A Blood, Serum Separator Tube	Cotton	-18.142	Negative
2 A Blood, Serum Separator Tube	Fleur De Lea	-2.936	Negative
3 A Blood, Serum Separator Tube	Jazmin	-3.336	Negative
4 A Blood, Serum Separator Tube	Lava	1.228	Negative
5 A Blood, Serum Separator Tube	Leighla	1.827	Negative
6 A Blood, Serum Separator Tube	Lilac	5.075	Negative
7 A Blood, Serum Separator Tube	Magnetic Storm	0.003	Negative
8 A Blood, Serum Separator Tube	Magma	-4.170	Negative
9 A Blood, Serum Separator Tube	Mango	-3.689	Negative
10 A Blood, Serum Separator Tube	Mayflower	-0.197	Negative
11 A Blood, Serum Separator Tube	Mint	2.924	Negative
12 A Blood, Serum Separator Tube	Minuet	-0.187	Negative
13 A Blood, Serum Separator Tube	Nephrite	-0.550	Negative

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## Lentivirus ELISA goats/sheep

Specimen	Animal	% I	Result
14 A Blood, Serum Separator Tube	Nelwinn	2.924	Negative
15 A Blood, Serum Separator Tube	Newspeak	2.407	Negative
16 A Blood, Serum Separator Tube	Nilla	-2.247	Negative
17 A Blood, Serum Separator Tube	Nocturnal	1.155	Negative
18 A Blood, Serum Separator Tube	Novaculite	0.003	Negative
19 A Blood, Serum Separator Tube	Nutmeg	3.868	Negative
20 A Blood, Serum Separator Tube	Meteor Storm	0.919	Negative
21 A Blood, Serum Separator Tube	Zadora	-0.931	Negative
22 A Blood, Serum Separator Tube	Zantedeschia	24.635	Negative

## Johne's Disease by ELISA : SOP-SERO-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:

### 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.

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## SRLV - Small Ruminant Lentivirus (CAE/OPP) (cELISA) : SOP-SERO-32

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, please see the Animal Disease FAQ on the WADDL home page.*



**Kord Animal Health Diagnostic Laboratory**  
KAHDL  
Ellington Agricultural Center  
436 Hogan Road  
Nashville TN 37220  
Phone: (615) 837-5125 Fax: (615) 837-5250

Report Date: 11/22/2021

### Final Report

Date Received: 11/22/2021  
Collection Date: 11/10/2021

Case Coordinator: Samantha Beaty, DVM

Accession No: K2118443

SALE CREEK VET SERVIC  
14801 MAY RD  
SALE CREEK TN 37373

Phone: (423) 280-1436  
Fax: (423) 877-5419  
Email: yourgoatdoc@salecreek.vet

### Associated Parties

Owner	Kathy Watson		
Veterinarian	Katherine Thigpin	Vet Code:033015	14801 May Rd Sale Creek, TN Hamilton 37373 (423) 280-1436
Vet Practice	Sale Creek Vet Servic		14801 May Rd Sale Creek, TN Hamilton 37373 (423) 280-1436

### Purpose of Test

Diagnostic

### Animal Information

Taxonomy	Count
CAPRINE - Goat	22

### Client Report History

Report Type	Delivery Method	Sent To	Date Sent
Final	Email	yourgoatdoc@salecreek.vet	11/22/2021 3:48 PM

### Lab Findings

#### Serology

Test Name **Negative**

Brucella abortus Card Test	22
Tested by: Jamie Thompson, Test Date: 11/22/2021	

Brucella abortus Card Test The Brucella abortus Card procedure is a test on serum or plasma for antibodies against *Brucella abortus* and *Brucella suis*.

### General Results

Please refer to the following brucellosis VS Form 4-33 for identification numbers that correspond with tube numbers.

**General Results**

Brucellosis chart number(s):M597098 and M597083

SLB 11/22/2021  
Authorized by Date

**Bulletin(s)**

**The Kord Laboratory Use Guide is available at:**  
[www.tn.gov/agriculture/diagnostic](http://www.tn.gov/agriculture/diagnostic)

The results shown above relate only to the items tested. This test report shall not be reproduced except in full without written approval of the laboratory.