

Testing Lab:	TVMDL - College Station	Client:	Herd Health Management
Case Coordinator:	Melanie Landis, DVM		PO Box 809, 170 S William Dillard Dr.,
Date Received:	03/11/2023		Bldg 6, Ste. 114
Report Date:	03/17/2023		Gilbert, AZ 85299
		Owner:	Angelica Rudow
		Veterinarian:	Ritz

FINAL REPORT

Medical History: Medical history not received.

Animal IDs: Shotty Goat :: Nigerian Dwarf / Female / 3 years
 Renegade :: Ritz :: Wild :: Goldie :: Lyra Goat :: Nigerian Dwarf / Female / 1 years
 Jane Goat :: Nigerian Dwarf / Female / 2 years
 Toffee Goat :: Nigerian Dwarf / Female / 4 years
 Autumn Goat :: Nigerian Dwarf / Female / 6 years
 Monoi :: Coney Goat :: Nigerian Dwarf / Male / 2 years
 Johnny Goat :: Nigerian Dwarf / Male / 3 years
 Freight Train :: Huckleberry Goat :: Nigerian Dwarf / Male / 1 years

SEROLOGY

Test: Small Ruminant Lentivirus (cELISA) ¹

Animals::Specimens	Collection Date	Result	Value
Shotty :: Serum	03/10/2023	Negative	-1.200
Renegade :: Serum	03/10/2023	Negative	-6.600
Jane :: Serum	03/10/2023	Negative	-4.200
Ritz :: Serum	03/10/2023	Negative	2.500
Toffee :: Serum	03/10/2023	Negative	-4.300
Wild :: Serum	03/10/2023	Negative	-4.600
Autumn :: Serum	03/10/2023	Negative	-6.100
Goldie :: Serum	03/10/2023	Negative	-4.200
Monoi :: Serum	03/10/2023	Negative	-0.400
Johnny :: Serum	03/10/2023	Negative	-2.700
Coney :: Serum	03/10/2023	Negative	4.300
Freight Train :: Serum	03/10/2023	Negative	4.300
Lyra :: Serum	03/10/2023	Negative	12.800
Huckleberry :: Serum	03/10/2023	Negative	6.700

Footnotes

- 1:** The VMRD Small Ruminant Lentivirus cELISA detects antibodies against caprine arthritis encephalitis virus (CAEV) in goats or ovine progressive pneumonia/maedi-visna virus (OPPV/MVV) in sheep. The cut-off values for this test are as follows:
- **Negative:** % Inhibition < 35%
 - **Positive:** % Inhibition >= 35%

Test: Mycobacterium avium subsp. paratuberculosis - Serum or Plasma (ELISA) ²

Animals::Specimens	Collection Date	Result	Value
Shotty :: Serum	03/10/2023	Negative	0.003
Renegade :: Serum	03/10/2023	Negative	-0.002
Jane :: Serum	03/10/2023	Negative	-0.002
Ritz :: Serum	03/10/2023	Negative	0.002
Toffee :: Serum	03/10/2023	Negative	-0.002
Wild :: Serum	03/10/2023	Negative	-0.001
Autumn :: Serum	03/10/2023	Negative	-0.001
Goldie :: Serum	03/10/2023	Negative	-0.001
Mono :: Serum	03/10/2023	Negative	-0.003
Johnny :: Serum	03/10/2023	Negative	0.001
Coney :: Serum	03/10/2023	Negative	-0.003
Freight Train :: Serum	03/10/2023	Negative	-0.001
Lyra :: Serum	03/10/2023	Negative	-0.002
Huckleberry :: Serum	03/10/2023	Negative	-0.002

Footnotes

- 2:** The USA IDEXX *Mycobacterium paratuberculosis* Antibody Test Kit has not been approved by the USDA for use with small ruminants. However, the same kit is allowed in Europe for small ruminant (caprine/ovine) sample types. TVMDL's status as an accredited Laboratory by the American Association of Veterinary Laboratory Diagnosticians (AAVLD) requires that each testing protocol have substantial validation data for the species tested. Due to the limited number of submissions from this species, validation of these test results cannot be accomplished within those specifications. However, the results provided here have been confirmed with positive and negative controls and may have value in defining a diagnosis or course of therapy in this case. Cut-off values for the IDEXX Johne's ELISA: negative: S/P <=0.45; suspect: 0.45 < S/P < 0.55; positive: S/P >= 0.55.

Test: *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Shotty **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

For goats and sheep, the routine dilution series for the *Corynebacterium pseudotuberculosis* SHI test is 1:4 through 1:64. Positive samples with titers listed as 64 are actually \geq to 64.

Test: *Coxiella burnetii* (CF) [Referral] **Animal:** Shotty **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Renegade **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: *Coxiella burnetii* (CF) [Referral] **Animal:** Renegade **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: *Coxiella burnetii* (CF) [Referral] **Animal:** Jane **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Jane **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: *Coxiella burnetii* (CF) [Referral] **Animal:** Ritz **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Ritz **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Toffee **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Toffee **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Wild **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Wild **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Coxiella burnetii (CF) [Referral] **Animal:** Autumn **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Autumn **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Goldie **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Goldie **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Monoi **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Monoi **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Johnny **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Johnny **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Coxiella burnetii (CF) [Referral] **Animal:** Coney **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Coney **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Freight Train **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Freight Train **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Lyra **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Lyra **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Huckleberry **Specimen:** Serum **Collection date:** 03/10/2023

Result

Negative

Test: Coxiella burnetii (CF) [Referral] **Animal:** Huckleberry **Specimen:** Serum **Collection date:** 03/10/2023

Referral Test Information

Serum sample(s) were forwarded to the USDA National Veterinary Services Laboratory in Ames, IA for *Coxiella burnetii* testing. Results from the referral lab are attached.

Authorized by: Melanie Landis, DVM
Serology Section Head

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Previous versions of this report

We have previously issued interim and/or final reports for this accession with the following names:
preliminary_report_C230700154_2023-03-16_14-57-09.pdf