

Testing Lab:	TVMDL - College Station	Client:	Simmons, Larese
Case Coordinator:	Brandon Dominguez, DVM, MS, DACVPM		22133 Crown Rd Gulfport, MS 39503
Date Received:	09/21/2023	Owner:	Larese Simmons
Report Date:	09/26/2023		

FINAL REPORT

Medical History: Medical history not received.

Animal IDs: Faith 4013 :: Tulia 2688 :: Misty 7538 Goat :: Anglo-Nubian / Female / 6 years
 Chin 9045 Goat :: Anglo-Nubian / Female / 3 years
 Chant 2798 Goat :: Anglo-Nubian / Female / 19 months
 Luna 2797 Goat :: Anglo-Nubian / Female / 20 months
 Jumanji 2152 Goat :: Anglo-Nubian / Male / 2 years
 King 3192 Goat :: Anglo-Nubian / Male / 3 years

CLINICAL PATHOLOGY

Test: Pregnancy Specific Binding Protein - Ruminants (ELISA) ¹

Animals::Specimens	Collection Date	Result
Faith 4013 :: Serum	09/19/2023	Pregnant
Chin 9045 :: Serum	09/19/2023	Pregnant
Tulia 2688 :: Serum	09/19/2023	Pregnant
Chant 2798 :: Serum	09/19/2023	Pregnant
Luna 2797 :: Serum	09/19/2023	Pregnant
Misty 7538 :: Serum	09/19/2023	Pregnant

Footnotes

1: After a successful mating, PSBP will rise as the pregnancy progresses and can be detected at day 30 or greater for cows, day 25 or greater for heifers, day 30 or greater for sheep/goats, and day 40 or greater for buffalo/bison/yak. Measurement of PSBP at a single point in time can aid in determining the pregnancy status of an animal. Possible results are Open, Pregnant, or Recheck.

A Pregnant result indicates a successful pregnancy or a recent embryonic/fetal loss/normal parturition where PSBP levels have not returned to non-pregnant levels (false positive), which could take up to 6 weeks.

An Open result, in most cases, indicates that a pregnancy did not occur or occasionally that the pregnancy is not far enough along (false negative – see above for days bred recommendations).

A Recheck result indicates the concentration is in a gray zone between pregnant and non-pregnant levels.

This can occur with recent pregnancy loss or with early pregnancy (i.e. delayed implantation or unknown breeding date). If you have followed the days bred recommendations and a Recheck result is obtained, it is recommended to wait at least 1 week from the previous blood collection date to draw and submit another sample; PSBP half-life is 3-7 days.

Authorized by: Julie Piccione, DVM, MS, DACVP
Assistant Agency Director for Clinical Pathology

SEROLOGY

Test: Small Ruminant Lentivirus (cELISA) ²

Animals::Specimens	Collection Date	Result	Value
Faith 4013 :: Serum	09/19/2023	Negative	-1.412
Chin 9045 :: Serum	09/19/2023	Negative	-4.589
Tulia 2688 :: Serum	09/19/2023	Negative	-4.526
Chant 2798 :: Serum	09/19/2023	Negative	-7.895
Luna 2797 :: Serum	09/19/2023	Negative	-2.926
Misty 7538 :: Serum	09/19/2023	Negative	-4.345
Jumanji 2152 :: Serum	09/19/2023	Negative	2.067
King 3192 :: Serum	09/19/2023	Negative	-4.056

Footnotes

2: 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: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Chant 2798 **Specimen:** Serum **Collection date:** 09/19/2023

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 >= to 64.

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Luna 2797 **Specimen:** Serum **Collection date:** 09/19/2023

Result

Negative

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Misty 7538 **Specimen:** Serum **Collection date:** 09/19/2023

Result

Negative

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Jumanji 2152 **Specimen:** Serum **Collection date:** 09/19/2023

Result

Negative

Test: Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** King 3192 **Specimen:** Serum **Collection date:** 09/19/2023

Result

Negative

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_C232640128_2023-09-22_11-27-30.pdf, preliminary_report_C232640128_2023-09-26_12-57-25.pdf