

<b>Testing Lab:</b>	TVMDL - College Station	<b>Client:</b>	Simmons, Larese
<b>Case Coordinator:</b>	Terry Hensley, DVM		22133 Crown Rd
<b>Date Received:</b>	11/24/2021		Gulfport, MS 39503
<b>Report Date:</b>	11/30/2021	<b>Owner:</b>	Larese Simmons

## FINAL REPORT

**Medical History:** Medical history not received.

**Animal IDs:** Tulia 2688 Goat :: Anglo-Nubian / Female / 4 years  
Chin 0824 Goat :: Anglo-Nubian / Female / 21 months  
Shiloh 3194 Goat :: Anglo-Nubian / Female / 22 months  
Rhapsody 2153 :: Autumn 9730 Goat :: Anglo-Nubian / Female / 10 months  
Ambition 9055 Goat :: Anglo-Nubian / Male / 9 months

## CLINICAL PATHOLOGY

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

Animals::Specimens	Collection Date	Result
Tulia 2688 :: Serum <sup>1</sup>	11/23/2021	Pregnant
Chin 0824 :: Serum <sup>1</sup>	11/23/2021	Pregnant
Shiloh 3194 :: Serum <sup>1</sup>	11/23/2021	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)

Animals::Specimens	Collection Date	Result	Value
Chin 0824 :: Serum <sup>2</sup>	11/23/2021	Negative	3.036
Shiloh 3194 :: Serum <sup>2</sup>	11/23/2021	Negative	6.579
Rhapsody 2153 :: Serum <sup>2</sup>	11/23/2021	Negative	8.097
Autumn 9730 :: Serum <sup>2</sup>	11/23/2021	Negative	5.769
Ambition 9055 :: Serum <sup>2</sup>	11/23/2021	Negative	10.121

### 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:** Chin 0824 **Specimen:** Serum **Collection date:** 11/23/2021

### Result Comment

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

**Test:** *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Shiloh 3194 **Specimen:** Serum **Collection date:** 11/23/2021

### Result Comment

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

**Test:** *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Rhapsody 2153 **Specimen:** Serum **Collection date:** 11/23/2021

### Result Comment

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

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**Test:** *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Autumn 9730 **Specimen:** Serum **Collection date:** 11/23/2021

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**Result Comment**

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.

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**Test:** *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Ambition 9055 **Specimen:** Serum **Collection date:** 11/23/2021

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**Result Comment**

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.

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**Test:** *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Jumanji 2152 **Specimen:** Serum **Collection date:** 11/23/2021

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**Result Comment**

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.

**Authorized by:** Carlos Rodriguez  
Serology Section Head

**Previous versions of this report**

We have previously issued interim and/or final reports for this accession with the following names:

preliminary\_report\_C213280384\_2021-11-26\_16-04-14.pdf, preliminary\_report\_C213280384\_2021-11-30\_11-57-21.pdf