

<b>Testing Lab:</b>	TVMDL - College Station	<b>Client:</b>	Simmons, Larese
<b>Case Coordinator:</b>	Brandon Dominguez, DVM, MS, DACVPM		22133 Crown Rd Gulfport, MS 39503
<b>Date Received:</b>	11/14/2023	<b>Owner:</b>	Larese Simmons
<b>Report Date:</b>	11/17/2023		

## FINAL REPORT

**Medical History:** Medical history on file.

**Animal IDs:** Ambition 9055 Goat :: Anglo-Nubian / Male / 3 years  
 Show 2265 Goat :: Anglo-Nubian / Male / 11 months  
 Rhapsody 2153 Goat :: Anglo-Nubian / Female / 2 years  
 Fergie 8355 Goat :: Anglo-Nubian / Female / 23 months  
 Ainsley 3044 Goat :: Anglo-Nubian / Female / 21 months

## CLINICAL PATHOLOGY

**Test:** Pregnancy Specific Binding Protein - Ruminants (ELISA) <sup>1</sup>

Animals::Specimens	Collection Date	Result
Rhapsody 2153 :: Serum	11/12/2023	Pregnant
Fergie 8355 :: Serum	11/12/2023	Pregnant
Ainsley 3044 :: Serum	11/12/2023	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) <sup>2</sup>

Animals::Specimens	Collection Date	Result	Value
Ambition 9055 :: Serum	11/12/2023	Negative	9.623
Show 2265 :: Serum	11/12/2023	Negative	4.291
Rhapsody 2153 :: Serum	11/12/2023	Negative	3.121
Fergie 8355 :: Serum	11/12/2023	Negative	2.471
Ainsley 3044 :: Serum	11/12/2023	Negative	2.601

### 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:** Ambition 9055 **Specimen:** Serum **Collection date:** 11/12/2023

### 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:** Show 2265 **Specimen:** Serum **Collection date:** 11/12/2023

### Result

Negative

**Test:** *Corynebacterium pseudotuberculosis* - Caprine/Ovine (SHI) **Animal:** Rhapsody 2153 **Specimen:** Serum **Collection date:** 11/12/2023

### Result

Negative

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**Test:** Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Fergie 8355 **Specimen:** Serum **Collection date:** 11/12/2023

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**Result**

Negative

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**Test:** Corynebacterium pseudotuberculosis - Caprine/Ovine (SHI) **Animal:** Ainsley 3044 **Specimen:** Serum **Collection date:** 11/12/2023

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**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\_C233180397\_2023-11-15\_16-12-08.pdf, preliminary\_report\_C233180397\_2023-11-16\_17-59-06.pdf