



Collection Site:

Zaratsian, Amber - Zenquility Acres
7800 Secluded Acres,
Apex NC 27523
Wake County

Email To:

Zaratsian, Amber
abeasock87@gmail.com

This report supersedes all previous reports for this case

Specimens Received: 11 Serum;

Date Collected: 08/15/2022 **Date Received:** 08/19/2022

Comments: 11 Serum

Case Contacts

Submitter	Cochrane, Natalie	919-239-9362	3035 Campbell Rd	Bear Creek	NC	27207
Owner	Zaratsian, Amber		7800 Secluded Acres	Apex	NC	27523
Report To	ROLLINS ANIMAL DISEASE DIAG.	919-733-3986	1031 Mail Service Center	Raleigh	NC	27699

Specimen Details

Animal/Source	ID Type	Taxonomy	Gender	Age
1	CAHFS Internal ID	Caprine	Mixed	

Laboratory Findings/Diagnosis

11 of 11 Negative for antibodies to *Corynebacterium pseudotuberculosis*

Clinical History

11 Caprine sera for Caseous Lymphadenitis serology.

Immunology

Test Specific Comments

Corynebacterium pseudotuberculosis antibody - SHI

* *C. pseudotuberculosis* SHI titers less than 1:8 are not considered significant. Titers may indicate active infection or historic exposure.

In small ruminants, *C. pseudotuberculosis* titers of 1:8 occur with similar frequency in animals with and without active infection and may represent early infection or historic exposure. Titers 1:16-1:32 occur 4 times more often in animals with active infection (vs. those without infection), and titers 1:64->=1:256 occur 8.5 times more often in animals with active infection (vs. those without).

In horses, titers 1:8-1:128 are typically seen in animals with historic infection with or exposure to *C. pseudotuberculosis*, with external infection, or in the early stages of infection. Titers >=1:256 may be seen with active infection (external, internal) or exposure to the organism. In the absence of external abscesses, and with other indicators of chronic inflammation (such as high WBC, high globulin, others), titers >1:512 are associated with internal abscess formation.

Corynebacterium pseudotuberculosis antibody - SHI

Animal/Source	Specimen	Specimen Type	Results
1	(1) Tube 1 = Zora	Serum	Neg @1:8
1	(2) Tube 2 = Rambo	Serum	Neg @1:8
1	(3) Tube 3 = Storm	Serum	Neg @1:8
1	(4) Tube 4 = Ragnar	Serum	Neg @1:8
1	(5) Tube 5 = Roo	Serum	Neg @1:8
1	(6) Tube 6 = Patronus	Serum	Neg @1:8
1	(7) Tube 7 = Raven	Serum	Neg @1:8
1	(8) Tube 8 = Louie	Serum	Neg @1:8
1	(9) Tube 9 = Pebbles	Serum	Neg @1:8
1	(10) Tube 10 = Gem	Serum	Neg @1:8
1	(11) Tube 11 = Porsche	Serum	Neg @1:8

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