



NCVDLS: Rollins Lab  
2101 Blue Ridge Road  
Raleigh NC 27607  
Phone: (919) 733-3986 Fax: (919) 733-0454

Report Date: 12/3/2019

### Final Report

Date Accessioned: 12/2/2019 1:29 PM  
Collection Date: 11/28/2019

Case Coordinator: Younghee Lee, Kristie Freeman

Accession No: R1942560

JESSICA WEEKS  
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### Associated Parties

Vet Practice	Payton Animal Hospital
Owner	Jessica Weeks

### Purpose of Test

Regulatory  
Diagnostic

### Animal Information

Name	Taxonomy	Sex	Age
Ariel	Goat - La Mancha	Female	3 Years
Esmie	Goat - La Mancha	Female	1 Years
Amy	Goat - La Mancha	Female	9 Months
Jasmine	Goat - La Mancha (Mixed)	Female	7 Months
Lilybet	Goat - La Mancha	Female	1 Years
Epiphany	Goat - La Mancha	Female	1 Years
Avans	Goat - La Mancha	Female	8 Months
Junebug	Goat - La Mancha	Female	5 Months
Lou	Goat - La Mancha	Male	7 Months
Primo	Goat - La Mancha (Mixed)	Neutered Male	7 Months
Wilson	Goat - La Mancha (Mixed)	Neutered Male	7 Years
Han Solo	Goat - La Mancha (Mixed)	Neutered Male	3 Years

### Lab Findings

#### Serology

Specimen	Test Name	Result
Ariel - CAPRINE - Goat - La Mancha - Female - 3 Years		
Serum (SER) - 1	Johne's (ELISA - Zoetis)	Negative
Esmie - CAPRINE - Goat - La Mancha - Female - 1 Years		
Serum (SER) - 2	Johne's (ELISA - Zoetis)	Negative
Amy - CAPRINE - Goat - La Mancha - Female - 9 Months		
Serum (SER) - 3	Johne's (ELISA - Zoetis)	Negative
Jasmine - CAPRINE - Goat - La Mancha (Mixed) - Female - 7 Months		
Serum (SER) - 4	Johne's (ELISA - Zoetis)	Negative
Lilybet - CAPRINE - Goat - La Mancha - Female - 1 Years		
Serum (SER) - 5	Johne's (ELISA - Zoetis)	Negative

Specimen	Test Name	Result
Epiphany - CAPRINE - Goat - La Mancha - Female - 1 Years		
Serum (SER) - 6	Johne's (ELISA - Zoetis)	Negative
Avans - CAPRINE - Goat - La Mancha - Female - 8 Months		
Serum (SER) - 7	Johne's (ELISA - Zoetis)	Negative
Junebug - CAPRINE - Goat - La Mancha - Female - 5 Months		
Serum (SER) - 8	Johne's (ELISA - Zoetis)	Negative
Lou - CAPRINE - Goat - La Mancha - Male - 7 Months		
Serum (SER) - 9	Johne's (ELISA - Zoetis)	Negative
Primo - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 7 Months		
Serum (SER) - 10	Johne's (ELISA - Zoetis)	Negative
Wilson - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 7 Years		
Serum (SER) - 11	Johne's (ELISA - Zoetis)	Negative
Han Solo - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 3 Years		
Serum (SER) - 12	Johne's (ELISA - Zoetis)	Negative

Specimen	Test Name	Result
Ariel - CAPRINE - Goat - La Mancha - Female - 3 Years		
Serum (SER) - 1	Brucella abortus (BAPA) (Plate)	Negative
Esmie - CAPRINE - Goat - La Mancha - Female - 1 Years		
Serum (SER) - 2	Brucella abortus (BAPA) (Plate)	Negative
Amy - CAPRINE - Goat - La Mancha - Female - 9 Months		
Serum (SER) - 3	Brucella abortus (BAPA) (Plate)	Negative
Jasmine - CAPRINE - Goat - La Mancha (Mixed) - Female - 7 Months		
Serum (SER) - 4	Brucella abortus (BAPA) (Plate)	Negative
Lilybet - CAPRINE - Goat - La Mancha - Female - 1 Years		
Serum (SER) - 5	Brucella abortus (BAPA) (Plate)	Negative
Epiphany - CAPRINE - Goat - La Mancha - Female - 1 Years		
Serum (SER) - 6	Brucella abortus (BAPA) (Plate)	Negative
Avans - CAPRINE - Goat - La Mancha - Female - 8 Months		
Serum (SER) - 7	Brucella abortus (BAPA) (Plate)	Negative
Junebug - CAPRINE - Goat - La Mancha - Female - 5 Months		
Serum (SER) - 8	Brucella abortus (BAPA) (Plate)	Negative
Lou - CAPRINE - Goat - La Mancha - Male - 7 Months		
Serum (SER) - 9	Brucella abortus (BAPA) (Plate)	Negative
Primo - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 7 Months		
Serum (SER) - 10	Brucella abortus (BAPA) (Plate)	Negative
Wilson - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 7 Years		
Serum (SER) - 11	Brucella abortus (BAPA) (Plate)	Negative
Han Solo - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 3 Years		
Serum (SER) - 12	Brucella abortus (BAPA) (Plate)	Negative

Johne's (ELISA - Zoetis)

Zoetis Mycobacterin paratuberculosis Antibody test kit is not currently licensed by the USDA for use in sheep. Reference: Gumber S, Eamens G, and Whittington R.J. 2006, Evaluation of a Pourquier ELISA kit in relation to agar gel immunodiffusion (AGID) test for assessment of the humoral immune response in sheep and goats with and without *Mycobacterium paratuberculosis* infection 115 (2006) 91-101.

Brucella abortus (BAPA) (Plate)

If needed refer to VS Form 4-33 or NCDA&CS Form BPRV-17 (depending on species) for Official brucellosis test results.

### General Results

The Johne's ELISA was designed as a herd screening test and results should be interpreted on a herd, rather than an individual animal basis. It is recommended that serologic tests be used only for animals that are at least 18 months of age.

Antibodies to *Mycobacterium avium* subsp. *paratuberculosis* were not detected. Animals classified as negative by ELISA are either not infected or not producing antibodies. Re-testing in 6-12 months will increase the confidence that animals are truly free of infection. In *M. avium* subsp. *paratuberculosis* infected herds, a number of animals may be fecal culture positive but ELISA negative. A negative result on a single animal can only be interpreted when the paratuberculosis history and test results are known for the entire herd/flock.

- Jim Trybus, DVM, DACVP/sero



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## Virology

Specimen	Test Name	Result	% I
Ariel - CAPRINE - Goat - La Mancha - Female - 3 Years			
Serum (SER) - 1	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	12.5
Esmie - CAPRINE - Goat - La Mancha - Female - 1 Years			
Serum (SER) - 2	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	15.2
Amy - CAPRINE - Goat - La Mancha - Female - 9 Months			
Serum (SER) - 3	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	14
Jasmine - CAPRINE - Goat - La Mancha (Mixed) - Female - 7 Months			
Serum (SER) - 4	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	6.6
Lilybet - CAPRINE - Goat - La Mancha - Female - 1 Years			
Serum (SER) - 5	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	11.7
Epiphany - CAPRINE - Goat - La Mancha - Female - 1 Years			
Serum (SER) - 6	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	9.7
Avans - CAPRINE - Goat - La Mancha - Female - 8 Months			
Serum (SER) - 7	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	12.5
Junebug - CAPRINE - Goat - La Mancha - Female - 5 Months			
Serum (SER) - 8	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	11.7
Lou - CAPRINE - Goat - La Mancha - Male - 7 Months			
Serum (SER) - 9	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.6
Primo - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 7 Months			
Serum (SER) - 10	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	8.1
Wilson - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 7 Years			
Serum (SER) - 11	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.2
Han Solo - CAPRINE - Goat - La Mancha (Mixed) - Neutered Male - 3 Years			
Serum (SER) - 12	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	12.4

## Client Report History

Report Type	Delivery Method	Sent To	Date Sent
Final	Email	jessils1492@gmail.com	12/3/2019 2:39 PM

## Bulletin(s)

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North Carolina Veterinary Diagnostic Laboratory System (NCVDLS) Newsletter for Fall 2019 is available:  
<https://www.ncagr.gov/vet/ncvdl/newsletters/Current-Newsletter.pdf>