



NCVDLS: Rollins Lab  
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Report Date: 11/29/2018

**Final Report**

**Date Accessioned:** 11/27/2018 12:50 PM      **Case Coordinator:** Younghee Lee, Kristie Freeman      **Accession No:** R1840032  
**Collection Date:** 11/20/2018

BUFFALO CREEK FARM & CREAMERY, LLC  
 ROBIN BLAKLEY  
 3241 BUFFALO CREEK FARM RD.  
 GERMANTON NC 27019

Phone: (336) 969-5698  
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**Associated Parties**

Submitter Owner	Buffalo Creek Farm & Creamery, LLC Robin Blakley	3241 Buffalo Creek Farm Rd. Germanton, NC Forsyth 27019 (336) 969-5698
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**Purpose of Test**

Diagnostic

**Animal Information**

Name	Taxonomy	Sex	Age
Abbie	CAPRINE	Female	Age Not Specified
Annie	CAPRINE	Female	Age Not Specified
Claire	CAPRINE	Female	Age Not Specified
Ella	CAPRINE	Female	Age Not Specified
Ellie	CAPRINE	Female	Age Not Specified
Emily	CAPRINE	Female	Age Not Specified
Faye	CAPRINE	Female	Age Not Specified
Hera	CAPRINE	Female	Age Not Specified
Jena	CAPRINE	Female	Age Not Specified
Jill	CAPRINE	Female	Age Not Specified
Jody	CAPRINE	Female	Age Not Specified
Jess	CAPRINE	Female	Age Not Specified
Joy	CAPRINE	Female	Age Not Specified
Jubilee	CAPRINE	Female	Age Not Specified
June	CAPRINE	Female	Age Not Specified
Key	CAPRINE	Female	Age Not Specified
Khione	CAPRINE	Female	Age Not Specified
Mia	CAPRINE	Female	Age Not Specified
Moon	CAPRINE	Female	Age Not Specified
Riveria	CAPRINE	Female	Age Not Specified
Sahara	CAPRINE	Female	Age Not Specified
Snap	CAPRINE	Female	Age Not Specified
Sonora	CAPRINE	Female	Age Not Specified
Star	CAPRINE	Female	Age Not Specified
Starr	CAPRINE	Female	Age Not Specified
Sweetpea	CAPRINE	Female	Age Not Specified
Willabee	CAPRINE	Female	Age Not Specified
Windy	CAPRINE	Female	Age Not Specified
Zing	CAPRINE	Female	Age Not Specified
Flame	CAPRINE	Female	Age Not Specified
Paradise	CAPRINE	Female	Age Not Specified

Name	Taxonomy	Sex	Age
Cris	CAPRINE	Female	Age Not Specified

## Lab Findings

### Serology

Specimen	Test Name	Result
Abbie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 1	Johne's (ELISA - IDEXX)	Negative
Annie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 2	Johne's (ELISA - IDEXX)	Negative
Claire - CAPRINE - Female - Age Not Specified		
Serum (SER) - 3	Johne's (ELISA - IDEXX)	Negative
Ella - CAPRINE - Female - Age Not Specified		
Serum (SER) - 4	Johne's (ELISA - IDEXX)	Negative
Ellie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 5	Johne's (ELISA - IDEXX)	Negative
Emily - CAPRINE - Female - Age Not Specified		
Serum (SER) - 6	Johne's (ELISA - IDEXX)	Negative
Faye - CAPRINE - Female - Age Not Specified		
Serum (SER) - 7	Johne's (ELISA - IDEXX)	Negative
Hera - CAPRINE - Female - Age Not Specified		
Serum (SER) - 8	Johne's (ELISA - IDEXX)	Negative
Jena - CAPRINE - Female - Age Not Specified		
Serum (SER) - 9	Johne's (ELISA - IDEXX)	Negative
Jill - CAPRINE - Female - Age Not Specified		
Serum (SER) - 10	Johne's (ELISA - IDEXX)	Negative
Jody - CAPRINE - Female - Age Not Specified		
Serum (SER) - 11	Johne's (ELISA - IDEXX)	Negative
Jess - CAPRINE - Female - Age Not Specified		
Serum (SER) - 12	Johne's (ELISA - IDEXX)	Negative
Joy - CAPRINE - Female - Age Not Specified		
Serum (SER) - 13	Johne's (ELISA - IDEXX)	Negative
Jubilee - CAPRINE - Female - Age Not Specified		
Serum (SER) - 14	Johne's (ELISA - IDEXX)	Negative
June - CAPRINE - Female - Age Not Specified		
Serum (SER) - 15	Johne's (ELISA - IDEXX)	Negative
Key - CAPRINE - Female - Age Not Specified		
Serum (SER) - 16	Johne's (ELISA - IDEXX)	Negative
Khione - CAPRINE - Female - Age Not Specified		
Serum (SER) - 17	Johne's (ELISA - IDEXX)	Negative
Mia - CAPRINE - Female - Age Not Specified		
Serum (SER) - 18	Johne's (ELISA - IDEXX)	Negative
Moon - CAPRINE - Female - Age Not Specified		
Serum (SER) - 19	Johne's (ELISA - IDEXX)	Negative
Riveria - CAPRINE - Female - Age Not Specified		
Serum (SER) - 20	Johne's (ELISA - IDEXX)	Negative
Sahara - CAPRINE - Female - Age Not Specified		
Serum (SER) - 21	Johne's (ELISA - IDEXX)	Negative
Snap - CAPRINE - Female - Age Not Specified		
Serum (SER) - 22	Johne's (ELISA - IDEXX)	Negative
Sonora - CAPRINE - Female - Age Not Specified		
Serum (SER) - 23	Johne's (ELISA - IDEXX)	Negative

Specimen	Test Name	Result
Star - CAPRINE - Female - Age Not Specified		
Serum (SER) - 24	Johne's (ELISA - IDEXX)	Negative
Starr - CAPRINE - Female - Age Not Specified		
Serum (SER) - 25	Johne's (ELISA - IDEXX)	Negative
Sweetpea - CAPRINE - Female - Age Not Specified		
Serum (SER) - 26	Johne's (ELISA - IDEXX)	Negative
Willabee - CAPRINE - Female - Age Not Specified		
Serum (SER) - 27	Johne's (ELISA - IDEXX)	Negative
Windy - CAPRINE - Female - Age Not Specified		
Serum (SER) - 28	Johne's (ELISA - IDEXX)	Negative
Zing - CAPRINE - Female - Age Not Specified		
Serum (SER) - 29	Johne's (ELISA - IDEXX)	Negative
Flame - CAPRINE - Female - Age Not Specified		
Serum (SER) - 30	Johne's (ELISA - IDEXX)	Negative
Paradise - CAPRINE - Female - Age Not Specified		
Serum (SER) - 31	Johne's (ELISA - IDEXX)	Negative
Cris - CAPRINE - Female - Age Not Specified		
Serum (SER) - 33	Johne's (ELISA - IDEXX)	Negative

Johne's (ELISA - IDEXX)

The IDEXX *Mycobacterium avium* ssp. *paratuberculosis* Antibody Test kit is not currently licensed by the USDA for use in sheep and goats, although it has been licensed in Europe for this purpose. Reference: Gumber S, Eamens G, and Whittington RJ. 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.

#### 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

##### Virology

Specimen	Test Name	Result
Abbie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 1	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Annie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 2	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Claire - CAPRINE - Female - Age Not Specified		
Serum (SER) - 3	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Ella - CAPRINE - Female - Age Not Specified		
Serum (SER) - 4	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Ellie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 5	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Emily - CAPRINE - Female - Age Not Specified		
Serum (SER) - 6	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Faye - CAPRINE - Female - Age Not Specified		
Serum (SER) - 7	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Hera - CAPRINE - Female - Age Not Specified		
Serum (SER) - 8	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Jena - CAPRINE - Female - Age Not Specified		
Serum (SER) - 9	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative

Specimen	Test Name	Result
Jill - CAPRINE - Female - Age Not Specified		
Serum (SER) - 10	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Jody - CAPRINE - Female - Age Not Specified		
Serum (SER) - 11	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Jess - CAPRINE - Female - Age Not Specified		
Serum (SER) - 12	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Joy - CAPRINE - Female - Age Not Specified		
Serum (SER) - 13	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Jubilee - CAPRINE - Female - Age Not Specified		
Serum (SER) - 14	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
June - CAPRINE - Female - Age Not Specified		
Serum (SER) - 15	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Key - CAPRINE - Female - Age Not Specified		
Serum (SER) - 16	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Khione - CAPRINE - Female - Age Not Specified		
Serum (SER) - 17	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Mia - CAPRINE - Female - Age Not Specified		
Serum (SER) - 18	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Moon - CAPRINE - Female - Age Not Specified		
Serum (SER) - 19	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Riveria - CAPRINE - Female - Age Not Specified		
Serum (SER) - 20	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Sahara - CAPRINE - Female - Age Not Specified		
Serum (SER) - 21	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Snap - CAPRINE - Female - Age Not Specified		
Serum (SER) - 22	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Sonora - CAPRINE - Female - Age Not Specified		
Serum (SER) - 23	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Star - CAPRINE - Female - Age Not Specified		
Serum (SER) - 24	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Starr - CAPRINE - Female - Age Not Specified		
Serum (SER) - 25	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Sweetpea - CAPRINE - Female - Age Not Specified		
Serum (SER) - 26	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Willabee - CAPRINE - Female - Age Not Specified		
Serum (SER) - 27	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Windy - CAPRINE - Female - Age Not Specified		
Serum (SER) - 28	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Zing - CAPRINE - Female - Age Not Specified		
Serum (SER) - 29	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Flame - CAPRINE - Female - Age Not Specified		
Serum (SER) - 30	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Paradise - CAPRINE - Female - Age Not Specified		
Serum (SER) - 31	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative
Cris - CAPRINE - Female - Age Not Specified		
Serum (SER) - 33	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative

#### Client Report History

Report Type	Delivery Method	Sent To	Date Sent
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**Bulletin(s)**

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North Carolina Veterinary Diagnostic Laboratory System (NCVDLS) Newsletter for Fall 2018 is available:

<https://www.ncagr.gov/vet/ncvdl/newsletters/Current-Newsletter.pdf>