



NCVDLS: Rollins Lab  
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Report Date: 2/4/2021

**Final Report**

**Date Accessioned:** 1/28/2021 11:49 AM      **Case Coordinator:** Younghee Lee, Kristie Freeman      **Accession No:** R2103468  
**Collection Date:** 1/27/2021

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

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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**

Regulatory

**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
Faye	CAPRINE	Female	Age Not Specified
Hera	CAPRINE	Female	Age Not Specified
Jess	CAPRINE	Female	Age Not Specified
Jody	CAPRINE	Female	Age Not Specified
Joy	CAPRINE	Female	Age Not Specified
Jubilee	CAPRINE	Female	Age Not Specified
June	CAPRINE	Female	Age Not Specified
Kandis	CAPRINE	Female	Age Not Specified
Kara	CAPRINE	Female	Age Not Specified
Karis	CAPRINE	Female	Age Not Specified
Karli	CAPRINE	Female	Age Not Specified
Keira	CAPRINE	Female	Age Not Specified
Key	CAPRINE	Female	Age Not Specified
Khione	CAPRINE	Female	Age Not Specified
Lacey	CAPRINE	Female	Age Not Specified
Lava	CAPRINE	Female	Age Not Specified
Leah	CAPRINE	Female	Age Not Specified
Lena	CAPRINE	Female	Age Not Specified
Lexi	CAPRINE	Female	Age Not Specified
Lilly	CAPRINE	Female	Age Not Specified
Lola	CAPRINE	Female	Age Not Specified
Lulu	CAPRINE	Female	Age Not Specified
Sahara	CAPRINE	Female	Age Not Specified
Snap	CAPRINE	Female	Age Not Specified
Sonora	CAPRINE	Female	Age Not Specified

Name	Taxonomy	Sex	Age
Star	CAPRINE	Female	Age Not Specified
Starr	CAPRINE	Female	Age Not Specified
Sweet Pea	CAPRINE	Female	Age Not Specified
Willa Bee	CAPRINE	Female	Age Not Specified
Windy	CAPRINE	Female	Age Not Specified
Lee	CAPRINE	Male	Age Not Specified
Paradise City	CAPRINE	Male	Age Not Specified

## Lab Findings

### Serology

Specimen	Test Name	Result
Abbie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 1	Johne's (ELISA - Zoetis)	Negative
Annie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 2	Johne's (ELISA - Zoetis)	Negative
Claire - CAPRINE - Female - Age Not Specified		
Serum (SER) - 3	Johne's (ELISA - Zoetis)	Negative
Ella - CAPRINE - Female - Age Not Specified		
Serum (SER) - 4	Johne's (ELISA - Zoetis)	Negative
Ellie - CAPRINE - Female - Age Not Specified		
Serum (SER) - 5	Johne's (ELISA - Zoetis)	Negative
Faye - CAPRINE - Female - Age Not Specified		
Serum (SER) - 6	Johne's (ELISA - Zoetis)	Negative
Hera - CAPRINE - Female - Age Not Specified		
Serum (SER) - 7	Johne's (ELISA - Zoetis)	Negative
Jess - CAPRINE - Female - Age Not Specified		
Serum (SER) - 8	Johne's (ELISA - Zoetis)	Negative
Jody - CAPRINE - Female - Age Not Specified		
Serum (SER) - 9	Johne's (ELISA - Zoetis)	Negative
Joy - CAPRINE - Female - Age Not Specified		
Serum (SER) - 10	Johne's (ELISA - Zoetis)	Negative
Jubilee - CAPRINE - Female - Age Not Specified		
Serum (SER) - 11	Johne's (ELISA - Zoetis)	Negative
June - CAPRINE - Female - Age Not Specified		
Serum (SER) - 12	Johne's (ELISA - Zoetis)	Negative
Kandis - CAPRINE - Female - Age Not Specified		
Serum (SER) - 13	Johne's (ELISA - Zoetis)	Negative
Kara - CAPRINE - Female - Age Not Specified		
Serum (SER) - 14	Johne's (ELISA - Zoetis)	Negative
Karis - CAPRINE - Female - Age Not Specified		
Serum (SER) - 15	Johne's (ELISA - Zoetis)	Negative
Karli - CAPRINE - Female - Age Not Specified		
Serum (SER) - 16	Johne's (ELISA - Zoetis)	Negative
Keira - CAPRINE - Female - Age Not Specified		
Serum (SER) - 17	Johne's (ELISA - Zoetis)	Negative
Key - CAPRINE - Female - Age Not Specified		
Serum (SER) - 18	Johne's (ELISA - Zoetis)	Negative
Khione - CAPRINE - Female - Age Not Specified		
Serum (SER) - 19	Johne's (ELISA - Zoetis)	Negative
Lacey - CAPRINE - Female - Age Not Specified		
Serum (SER) - 20	Johne's (ELISA - Zoetis)	Negative
Lava - CAPRINE - Female - Age Not Specified		
Serum (SER) - 21	Johne's (ELISA - Zoetis)	Negative

Specimen	Test Name	Result
Leah - CAPRINE - Female - Age Not Specified		
Serum (SER) - 22	Johne's (ELISA - Zoetis)	Negative
Lena - CAPRINE - Female - Age Not Specified		
Serum (SER) - 23	Johne's (ELISA - Zoetis)	Negative
Lexi - CAPRINE - Female - Age Not Specified		
Serum (SER) - 24	Johne's (ELISA - Zoetis)	Negative
Lilly - CAPRINE - Female - Age Not Specified		
Serum (SER) - 25	Johne's (ELISA - Zoetis)	Negative
Lola - CAPRINE - Female - Age Not Specified		
Serum (SER) - 26	Johne's (ELISA - Zoetis)	Negative
Lulu - CAPRINE - Female - Age Not Specified		
Serum (SER) - 27	Johne's (ELISA - Zoetis)	Negative
Sahara - CAPRINE - Female - Age Not Specified		
Serum (SER) - 28	Johne's (ELISA - Zoetis)	Negative
Snap - CAPRINE - Female - Age Not Specified		
Serum (SER) - 29	Johne's (ELISA - Zoetis)	Negative
Sonora - CAPRINE - Female - Age Not Specified		
Serum (SER) - 30	Johne's (ELISA - Zoetis)	Negative
Star - CAPRINE - Female - Age Not Specified		
Serum (SER) - 31	Johne's (ELISA - Zoetis)	Negative
Starr - CAPRINE - Female - Age Not Specified		
Serum (SER) - 32	Johne's (ELISA - Zoetis)	Negative
Sweet Pea - CAPRINE - Female - Age Not Specified		
Serum (SER) - 33	Johne's (ELISA - Zoetis)	Negative
Willa Bee - CAPRINE - Female - Age Not Specified		
Serum (SER) - 34	Johne's (ELISA - Zoetis)	Negative
Windy - CAPRINE - Female - Age Not Specified		
Serum (SER) - 35	Johne's (ELISA - Zoetis)	Negative
Lee - CAPRINE - Male - Age Not Specified		
Serum (SER) - 36	Johne's (ELISA - Zoetis)	Negative
Paradise City - CAPRINE - Male - Age Not Specified		
Serum (SER) - 37	Johne's (ELISA - Zoetis)	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.

### 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	% I
Abbie - CAPRINE - Female - Age Not Specified			
Serum (SER) - 1	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	11.3
Annie - CAPRINE - Female - Age Not Specified			
Serum (SER) - 2	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	12.3
Claire - CAPRINE - Female - Age Not Specified			
Serum (SER) - 3	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	13.7

Specimen	Test Name	Result	% I
Ella - CAPRINE - Female - Age Not Specified			
Serum (SER) - 4	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	12.8
Ellie - CAPRINE - Female - Age Not Specified			
Serum (SER) - 5	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5.6
Faye - CAPRINE - Female - Age Not Specified			
Serum (SER) - 6	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	10.1
Hera - CAPRINE - Female - Age Not Specified			
Serum (SER) - 7	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.8
Jess - CAPRINE - Female - Age Not Specified			
Serum (SER) - 8	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	8.7
Jody - CAPRINE - Female - Age Not Specified			
Serum (SER) - 9	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	9.9
Joy - CAPRINE - Female - Age Not Specified			
Serum (SER) - 10	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	11.6
Jubilee - CAPRINE - Female - Age Not Specified			
Serum (SER) - 11	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	13.5
June - CAPRINE - Female - Age Not Specified			
Serum (SER) - 12	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.5
Kandis - CAPRINE - Female - Age Not Specified			
Serum (SER) - 13	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	0.5
Kara - CAPRINE - Female - Age Not Specified			
Serum (SER) - 14	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.5
Karis - CAPRINE - Female - Age Not Specified			
Serum (SER) - 15	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.4
Karli - CAPRINE - Female - Age Not Specified			
Serum (SER) - 16	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.1
Keira - CAPRINE - Female - Age Not Specified			
Serum (SER) - 17	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	1.6
Key - CAPRINE - Female - Age Not Specified			
Serum (SER) - 18	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	23.7
Khione - CAPRINE - Female - Age Not Specified			
Serum (SER) - 19	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5.1
Lacey - CAPRINE - Female - Age Not Specified			
Serum (SER) - 20	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	20.4
Lava - CAPRINE - Female - Age Not Specified			
Serum (SER) - 21	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	11.9
Leah - CAPRINE - Female - Age Not Specified			
Serum (SER) - 22	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7
Lena - CAPRINE - Female - Age Not Specified			
Serum (SER) - 23	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	10.3
Lexi - CAPRINE - Female - Age Not Specified			
Serum (SER) - 24	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-4.2
Lilly - CAPRINE - Female - Age Not Specified			
Serum (SER) - 25	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-1.3
Lola - CAPRINE - Female - Age Not Specified			
Serum (SER) - 26	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-4
Lulu - CAPRINE - Female - Age Not Specified			
Serum (SER) - 27	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	10.3
Sahara - CAPRINE - Female - Age Not Specified			
Serum (SER) - 28	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	4.2
Snap - CAPRINE - Female - Age Not Specified			
Serum (SER) - 29	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5.8

Specimen	Test Name	Result	% I
Sonora - CAPRINE - Female - Age Not Specified			
Serum (SER) - 30	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-2.2
Star - CAPRINE - Female - Age Not Specified			
Serum (SER) - 31	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-2.3
Starr - CAPRINE - Female - Age Not Specified			
Serum (SER) - 32	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	0.9
Sweet Pea - CAPRINE - Female - Age Not Specified			
Serum (SER) - 33	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.4
Willa Bee - CAPRINE - Female - Age Not Specified			
Serum (SER) - 34	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	1.1
Windy - CAPRINE - Female - Age Not Specified			
Serum (SER) - 35	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.2
Lee - CAPRINE - Male - Age Not Specified			
Serum (SER) - 36	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	1
Paradise City - CAPRINE - Male - Age Not Specified			
Serum (SER) - 37	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.1

#### Client Report History

Report Type	Delivery Method	Sent To	Date Sent
Final	Email	robin@buffalocreekfarmnc.com	2/4/2021 3:19 PM

#### Bulletin(s)

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**COVID-19 Update:** March 26, 2020 - Several counties in North Carolina have issued "shelter-in-place" orders. Our diagnostic laboratory system is designated essential as we safeguard North Carolina's agriculture, agribusiness, and animal health. We continue to operate with as many people as possible and functional given this unprecedented global health event although testing services and turn-around times may be impacted.

Additional information can be found here: <https://www.ncagr.gov/vet/ncvdl/covid19.html>

**The Rollins Animal Disease Diagnostic Laboratory will be moving to our new combined agricultural facility, the Agricultural Science Center, this spring! As we move and transition into the new laboratory our goal will be to have no impact on testing services and turn-around time. Stay tuned for updates and the exact move timeline.**