



NCVDLS: Rollins Lab
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Final Report

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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

Diagnostic

Animal Information

Name	Taxonomy	Sex	Age
Abby	Goat - Nubian	Female	Age Not Specified
Annie	Goat - Nubian	Female	Age Not Specified
Claire	Goat - Nubian	Female	Age Not Specified
Ella	Goat - Nubian	Female	Age Not Specified
Ellie	Goat - Nubian	Female	Age Not Specified
Faye	Goat - Nubian	Female	Age Not Specified
Flamethrower	Goat - Nubian	Male	Age Not Specified
Hera	Goat - Nubian	Female	Age Not Specified
Jena	Goat - Nubian	Female	Age Not Specified
Jess	Goat - Nubian	Female	Age Not Specified
Jill	Goat - Nubian	Female	Age Not Specified
Joy	Goat - Nubian	Female	Age Not Specified
Jody	Goat - Nubian	Female	Age Not Specified
Jubilee	Goat - Nubian	Female	Age Not Specified
June	Goat - Nubian	Female	Age Not Specified
Kacee	Goat - Nubian	Female	Age Not Specified
Kallie	Goat - Nubian	Female	Age Not Specified
Kandis	Goat - Nubian	Female	Age Not Specified
Kara	Goat - Nubian	Female	Age Not Specified
Karis	Goat - Nubian	Female	Age Not Specified
Karli	Goat - Nubian	Female	Age Not Specified
Keena	Goat - Nubian	Female	Age Not Specified
Keira	Goat - Nubian	Female	Age Not Specified
Key	Goat - Nubian	Female	Age Not Specified
Khione	Goat - Nubian	Female	Age Not Specified
Kori	Goat - Nubian	Female	Age Not Specified
Mia	Goat - Nubian	Female	Age Not Specified
Sahara	Goat - Nubian	Female	Age Not Specified
Snap Dragon	Goat - Nubian	Female	Age Not Specified
Sonora	Goat - Nubian	Female	Age Not Specified

Name	Taxonomy	Sex	Age
Star	Goat - Nubian	Female	Age Not Specified
Starr	Goat - Nubian	Female	Age Not Specified
Sugar	Goat - Nubian	Female	Age Not Specified
Sweet Pea	Goat - Nubian	Female	Age Not Specified
Paradise	Goat - Nubian	Male	Age Not Specified
Willabee	Goat - Nubian	Female	Age Not Specified
Windy	Goat - Nubian	Female	Age Not Specified

Lab Findings

Serology

Specimen	Test Name	Result
Abby - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 1	Johne's (ELISA - Zoetis)	Negative
Annie - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 2	Johne's (ELISA - Zoetis)	Negative
Claire - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 3	Johne's (ELISA - Zoetis)	Negative
Ella - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 4	Johne's (ELISA - Zoetis)	Negative
Ellie - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 5	Johne's (ELISA - Zoetis)	Negative
Faye - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 6	Johne's (ELISA - Zoetis)	Negative
Flamethrower - CAPRINE - Goat - Nubian - Male - Age Not Specified		
Serum (SER) - 7	Johne's (ELISA - Zoetis)	Negative
Hera - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 8	Johne's (ELISA - Zoetis)	Negative
Jena - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 9	Johne's (ELISA - Zoetis)	Negative
Jess - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 10	Johne's (ELISA - Zoetis)	Negative
Jill - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 11	Johne's (ELISA - Zoetis)	Negative
Joy - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 12	Johne's (ELISA - Zoetis)	Negative
Jody - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 13	Johne's (ELISA - Zoetis)	Negative
Jubilee - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 14	Johne's (ELISA - Zoetis)	Negative
June - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 15	Johne's (ELISA - Zoetis)	Negative
Kacee - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 16	Johne's (ELISA - Zoetis)	Negative
Kallie - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 17	Johne's (ELISA - Zoetis)	Negative
Kandis - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 18	Johne's (ELISA - Zoetis)	Negative
Kara - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 19	Johne's (ELISA - Zoetis)	Negative
Karis - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 20	Johne's (ELISA - Zoetis)	Negative
Karli - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 21	Johne's (ELISA - Zoetis)	Negative

Specimen	Test Name	Result
Keena - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 22	Johne's (ELISA - Zoetis)	Negative
Keira - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 23	Johne's (ELISA - Zoetis)	Negative
Key - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 24	Johne's (ELISA - Zoetis)	Negative
Khione - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 25	Johne's (ELISA - Zoetis)	Negative
Kori - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 26	Johne's (ELISA - Zoetis)	Negative
Mia - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 27	Johne's (ELISA - Zoetis)	Negative
Sahara - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 28	Johne's (ELISA - Zoetis)	Negative
Snap Dragon - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 29	Johne's (ELISA - Zoetis)	Negative
Sonora - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 30	Johne's (ELISA - Zoetis)	Negative
Star - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 31	Johne's (ELISA - Zoetis)	Negative
Starr - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 32	Johne's (ELISA - Zoetis)	Negative
Sugar - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 33	Johne's (ELISA - Zoetis)	Negative
Sweet Pea - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 34	Johne's (ELISA - Zoetis)	Negative
Paradise - CAPRINE - Goat - Nubian - Male - Age Not Specified		
Serum (SER) - 35	Johne's (ELISA - Zoetis)	Negative
Willabee - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 36	Johne's (ELISA - Zoetis)	Negative
Windy - CAPRINE - Goat - Nubian - Female - 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 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	% I
Abby - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 1	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-8.3
Annie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 2	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-7.9
Claire - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 3	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-10.2

Specimen	Test Name	Result	% I
Ella - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 4	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-2.5
Ellie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 5	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5.2
Faye - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 6	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5
Flamethrower - CAPRINE - Goat - Nubian - Male - Age Not Specified			
Serum (SER) - 7	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5.2
Hera - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 8	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-4.9
Jena - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 9	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-2.8
Jess - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 10	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-10.8
Jill - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 11	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-0.7
Joy - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 12	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-5.5
Jody - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 13	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.4
Jubilee - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 14	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	1.4
June - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 15	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	0.9
Kacee - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 16	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-8.9
Kallie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 17	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-9.2
Kandis - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 18	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-11.9
Kara - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 19	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-10.9
Karis - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 20	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-16.8
Karli - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 21	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-4
Keena - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 22	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-2.8
Keira - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 23	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-10.3
Key - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 24	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.7
Khione - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 25	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-16.5
Kori - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 26	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-15.9
Mia - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 27	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-10.5
Sahara - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 28	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-13.9
Snap Dragon - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 29	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-1.6

Specimen	Test Name	Result	% I
Sonora - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 30	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-7.7
Star - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 31	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-7.2
Starr - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 32	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-9.3
Sugar - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 33	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-9.1
Sweet Pea - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 34	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-16
Paradise - CAPRINE - Goat - Nubian - Male - Age Not Specified			
Serum (SER) - 35	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-17.1
Willabee - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 36	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-16.3
Windy - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 37	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-5.5

Client Report History

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

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The North Carolina Board of Agriculture has approved a proposal to raise NCVDLs testing fees.

Our laboratory strives to provide cost effective, timely, and accurate diagnostic testing services to our clients. The cost of providing these services (supplies, reagents, testing kits) continues to increase. Due to a significant increase in testing over the last few years combined with the cost associated with providing these services it is necessary for our laboratory to raise fees to prevent ongoing losses allowing us to continue to provide quality diagnostic testing services.

The fee increase is scheduled to take effect January 20, 2020. More information regarding the cost of specific tests can be found in this link:

https://www.ncagr.gov/vet/ncvdl/FeeScheduleUpdate_2020.pdf

Our fee increase also includes a \$2 accession fee on all submissions and a necropsy disposal fee based on weight at \$25 per 250 pounds (\$100 maximum).