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Final Report

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Case Coordinator: Younghee Lee, Kristie Freeman

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BUFFALO CREEK FARM & CREAMERY, LLC
ROBIN BLAKLEY
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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	Goat - Nubian	Female	Age Not Specified
Annie	Goat - Nubian	Female	Age Not Specified
Claire	Goat - Nubian	Female	Age Not Specified
Ellie	Goat - Nubian	Female	Age Not Specified
Faye	Goat - Nubian	Female	Age Not Specified
Hera	Goat - Nubian	Female	Age Not Specified
Jess	Goat - Nubian	Female	Age Not Specified
Jody	Goat - Nubian	Female	Age Not Specified
Joy	Goat - Nubian	Female	Age Not Specified
Jubilee	Goat - Nubian	Female	Age Not Specified
Karis	Goat - Nubian	Female	Age Not Specified
Key	Goat - Nubian	Female	Age Not Specified
Khione	Goat - Nubian	Female	Age Not Specified
Lacey	Goat - Nubian	Female	Age Not Specified
Lara	Goat - Nubian	Female	Age Not Specified
Leah	Goat - Nubian	Female	Age Not Specified
Lena	Goat - Nubian	Female	Age Not Specified
Lilly	Goat - Nubian	Female	Age Not Specified
Lola	Goat - Nubian	Female	Age Not Specified
Lulu	Goat - Nubian	Female	Age Not Specified
Mars	Goat - Nubian	Female	Age Not Specified
Mary	Goat - Nubian	Female	Age Not Specified
Millie	Goat - Nubian	Female	Age Not Specified
Snap	Goat - Nubian	Female	Age Not Specified
Sonora	Goat - Nubian	Female	Age Not Specified
Spice	Goat - Nubian	Female	Age Not Specified
Star	Goat - Nubian	Female	Age Not Specified
Starr	Goat - Nubian	Female	Age Not Specified
Sweet Pea	Goat - Nubian	Female	Age Not Specified
Willabee	Goat - Nubian	Female	Age Not Specified

Name	Taxonomy	Sex	Age
Windy	Goat - Nubian	Female	Age Not Specified
Lee (OnTube #33)	Goat - Nubian	Gender Not Specified	Age Not Specified
Paradise City (On tube #32)	Goat - Nubian	Gender Not Specified	Age Not Specified

Lab Findings

Serology

Specimen	Test Name	Result
Abbie - 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
Ellie - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 4	Johne's (ELISA - Zoetis)	Negative
Faye - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 5	Johne's (ELISA - Zoetis)	Negative
Hera - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 6	Johne's (ELISA - Zoetis)	Negative
Jess - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 7	Johne's (ELISA - Zoetis)	Negative
Jody - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 8	Johne's (ELISA - Zoetis)	Negative
Joy - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 9	Johne's (ELISA - Zoetis)	Negative
Jubilee - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 10	Johne's (ELISA - Zoetis)	Negative
Karis - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 11	Johne's (ELISA - Zoetis)	Negative
Key - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 12	Johne's (ELISA - Zoetis)	Negative
Khione - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 13	Johne's (ELISA - Zoetis)	Negative
Lacey - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 14	Johne's (ELISA - Zoetis)	Negative
Lara - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 15	Johne's (ELISA - Zoetis)	Negative
Leah - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 16	Johne's (ELISA - Zoetis)	Negative
Lena - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 17	Johne's (ELISA - Zoetis)	Negative
Lilly - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 18	Johne's (ELISA - Zoetis)	Negative
Lola - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 19	Johne's (ELISA - Zoetis)	Negative
Lulu - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 20	Johne's (ELISA - Zoetis)	Negative
Mars - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 21	Johne's (ELISA - Zoetis)	Negative
Mary - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 22	Johne's (ELISA - Zoetis)	Negative
Millie - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 23	Johne's (ELISA - Zoetis)	Negative

Specimen	Test Name	Result
Snap - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 24	Johne's (ELISA - Zoetis)	Negative
Sonora - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 25	Johne's (ELISA - Zoetis)	Negative
Spice - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 26	Johne's (ELISA - Zoetis)	Negative
Star - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 27	Johne's (ELISA - Zoetis)	Negative
Starr - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 28	Johne's (ELISA - Zoetis)	Negative
Sweet Pea - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 29	Johne's (ELISA - Zoetis)	Negative
Willabee - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 30	Johne's (ELISA - Zoetis)	Negative
Windy - CAPRINE - Goat - Nubian - Female - Age Not Specified		
Serum (SER) - 31	Johne's (ELISA - Zoetis)	Negative
Lee (OnTube #33) - CAPRINE - Goat - Nubian - Gender Not Specified - Age Not Specified		
Serum (SER) - 32	Johne's (ELISA - Zoetis)	Negative
Paradise City (On tube #32) - CAPRINE - Goat - Nubian - Gender Not Specified - Age Not Specified		
Serum (SER) - 33	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
Abbie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 1	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.4
Annie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 2	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	-0.4
Claire - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 3	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	8.6
Ellie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 4	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.5
Faye - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 5	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	0.2
Hera - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 6	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	1.8
Jess - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 7	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	6.2
Jody - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 8	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	6.2

Specimen	Test Name	Result	% I
Joy - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 9	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	5.6
Jubilee - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 10	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.4
Karis - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 11	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	6.2
Key - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 12	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	15.8
Khione - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 13	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.5
Lacey - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 14	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.9
Lara - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 15	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.1
Leah - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 16	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	11.5
Lena - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 17	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.2
Lilly - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 18	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	4.5
Lola - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 19	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	6.9
Lulu - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 20	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	18.3
Mars - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 21	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	4.4
Mary - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 22	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.8
Millie - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 23	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	0.4
Snap - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 24	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	4.9
Sonora - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 25	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.3
Spice - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 26	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.5
Star - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 27	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	7.4
Starr - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 28	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	3.8
Sweet Pea - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 29	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.1
Willabee - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 30	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	4.8
Windy - CAPRINE - Goat - Nubian - Female - Age Not Specified			
Serum (SER) - 31	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.8
Lee (OnTube #33) - CAPRINE - Goat - Nubian - Gender Not Specified - Age Not Specified			
Serum (SER) - 32	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	6
Paradise City (On tube #32) - CAPRINE - Goat - Nubian - Gender Not Specified - Age Not Specified			
Serum (SER) - 33	Caprine Arthritis Encephalitis (cELISA - VMRD)	Negative	2.5

Client Report History

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