



CentralStar Michigan Lab
1163 Comet Lane – Suite 100
Grand Ledge, MI 48837
(517) 333-8381

CentralStar Wisconsin Lab
200 East Kelso Road
Kaukauna, WI 54130
(920) 733-6598

Sample Testing Report
Order Number: 20250129805

Eric Gabrielson
Steffes Group
24400 Hwy 22 South
Litchfield, MN 55355

Comments

Organisms detected are indicated below.

Animal ID	Barn Name	Official ID	Test Types	Test Value	Final Results	SCC	Age Months
Bulk Tank			CentralStar Mycoplasma bovis Assay Pooled Bulk Tank Milk Mycoplasma bovis PCR	36.8	+		

Customer Number: 39089-150

Collected Date: 01/24/2025

Tested By: Kyle Nackers

Purpose:

Verified By: CentralStar DHI WI Lab

Received Date: 01/29/2025

Herdcode:

Analysis Date: 01/29/2025

Results Date: 01/29/2025

Farm Details

Eric Gabrielson
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Litchfield, MN 55355

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Clinic Details

MN DHIA, Centre Labs
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P. O. Box 227
Sauk Centre, MN 56378

Phone:

(320) 352-2028

CentralStar Laboratory is not responsible nor in control of the sampling stage or quality of samples received. Submission is completed by DHI specialists, veterinary clinics, customers or other persons outside of the laboratory. Results reported relate only to the sample(s) identified and does not reflect the herd or operation as a whole.

The Mastitis Polymerase Chain Reaction (PCR) Tests detect the presence of target DNA sequences of pathogens known to cause mastitis. The assay may be performed on both pooled and individual milk samples, including bulk tanks. Results are determined by cycles to threshold (CT) and reported as a test value. Lower CT indicates higher pathogen content.

See Table 1 for interpretations of Mastitis PCR results.

Table 1: Mastitis DNA PCR-Interpretation of Results				
	Test Value Ranges/Quantity			
Target	High (+++)	Intermediate (++)	Low (+)	Suspect
Staphylococcus aureus	<24	24-30	30-37	>37
Enterococcus species	<24	24-28	28-37	>37
Corynebacterium bovis	<22	22-28	28-37	>37
Beta-lactamase gene	<25	25-30	30-37	>37
Escherichia coli	<24	24-34	34-37	>37
Streptococcus dysgalactiae	<22	22-30	30-37	>37
Staphylococcus species	<24	24-31	31-37	>37
Streptococcus agalactiae	<24	24-32	32-37	>37
Streptococcus uberis	<21	21-31	31-37	>37
Klebsiella oxytoca/pneumoniae	<24	24-32	32-37	>37
Serratia marcescens	<31	31-34	34-37	>37
Arcanobacterium pyogenes/Peptostreptococcus species	<24	24-30	30-37	>37
Mycoplasma bovis	<22	22-32	32-37	>37
Mycoplasma species	<20	20-30	30-37	>37
Yeast	<22	22-32	32-37	>37
Prototheca species	<21	21-31	31-37	>37