

MILK PREGNANCY TEST



AgSource Cooperative Services

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PREGNANCY LOSS IS COMMON & COSTLY

The majority of pregnancy loss occurs within 56 days after conception. Lost pregnancies are costly, and those costs increase dramatically with each subsequent month of gestation. The economic impact also increases with each lactation. Are you reconfirming pregnancies? While it can't determine sex of the calf or days of gestation, the Milk Pregnancy Test offers a convenient method to confirm that cows you have checked pregnant remain so.

THE AGSOURCE MILK PREGNANCY TEST OFFERS

Trusted, timely results – Obtain results within two days of arrival at the laboratory, using proven ELISA technology.



Convenience – Test for pregnancy from routine DHI milk samples. No extra labor and no stress on the animal or developing fetus.

Improved reproductive performance – Earlier identification and rebreeding of open cows results in shorter calving intervals and increased milk production.

HOW DOES IT WORK?

The Milk Pregnancy Test is an enzyme-linked immunosorbent assay (ELISA) test that identifies pregnancy associated glycoproteins (PAGs). PAGs are detectable early in pregnancy and throughout gestation. While levels do vary among cows and fluctuate early in gestation, ranges have been identified that effectively signal pregnancy with a high degree of accuracy. PAG levels increase significantly during gestation and are an effective means of determining a cow's reproductive status.

KEYS TO SUCCESSFUL TESTING

- Accurate identification of cows and milk samples is critical.
- Milk samples should be taken carefully. Residual milk in meters, hoses or pipes may result in unacceptable carry-over from one sample to another.
- Well-kept reproductive records are a must.
- This test may be used 28 days after breeding (and at least 60 days after calving), but is most effectively used at 90 days or more postbreeding to confirm pregnancy.
- PAG levels do not drop immediately upon pregnancy termination or loss. Depending upon stage of lactation, it may take ~7 days for levels to drop to a point indicating the animal is open.

We Measure It ... You Manage It

VALUABLE REPORT

Results are available on paper or electronically. For each animal tested, you will see the PAG level, represented by an S-N Value (measured sample to negative value). Final results are reported as NEG (negative = open), POS (positive = pregnant) and Re-Check. Cows with NEG or Re-Check status should be verified by herd veterinarian. Animals determined to be open or requiring a re-check are highlighted in orange or yellow respectively, and appear at the top of the report. In addition, if you are recording the information, the following will be reported for each animal tested: lactation number, days in milk, days bred, number of times bred and last known reproductive status.

FLEXIBILITY

AgSource's Milk Pregnancy Test may be conducted on non-test-day milk samples as well. Use the contact information below to request sample collection kits and submission forms if you wish to send samples directly to the laboratory for Milk Pregnancy Testing.

AgSource Laboratories
403 Cedar Avenue West
Menomonie, WI 54751
715-235-1128
menomonie@agsource.com

To learn more about AgSource's Milk Pregnancy Test and to see a sample report, visit www.agsource.com/milkpregtest.



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Summary

Cows Sampled	67
Positive	50
Negative	10
Re-Check	7

Milk Pregnancy Test Results

Herd Code: 35990018 Tested By: Someone Technician Number:
 Ordered By: North Hill Holsteins Email: producer@yahoo.com
 2826 Somewhere Rd Fax:
 Someplace, WI 53599
 Receive Date: 5/6/2013 Results Date: 5/6/2013 Last Test Date: 5/3/2013

Animal ID	Final Result	Lact Num	DIM	D. Bred / # Bred	L. Repro Status	S - N Value
102	NEG	2	144	65/1		-0.047
122	NEG	1	203	76/3		0.084
146	NEG	1	157	52/3		-0.008
20	NEG	2	355	42/8		0.012
2796	NEG	1	182	58/3		-0.003

Animal ID	Final Result	Lact Num	DIM	D. Bred / # Bred	L. Repro Status	S - N Value
159	POS	1	136	55/1		0.457
161	POS	1	124	63/1		0.648
162	POS	1	124	42/1		1.076
163	POS	1	121	50/1		1.058
2128	POS	1	135	62/1		0.281

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