

# CentralStar PREGNANCY TESTING



## About the Test

- Milk or serum from cattle or goats by ELISA as early as 28-days post breeding.
- Confirm pregnancy through pregnancy specific proteins (PAG). PAGs are released by the placenta during pregnancy and are specific to pregnancy unlike some other chemical indicators, such as progesterone.
- Results comparable to traditional methods
- 98% Accurate (98.8% Sensitivity, 97.4% specificity)

## Test results

- Available within 24 hours of receipt of sample.
- Quickly access results online through a personalized database system.
- Results reported as pregnant ( $>0.25$ ), open ( $<0.1$ ) and recheck ( $0.1-0.25$ ) based on the levels of PAGs present. "Recheck" results should be verified by herd veterinarian or retested.




## Sample Submission

- Purchase sampling supplies at [www.mycentralstar.com](http://www.mycentralstar.com)
- Sample submission kits include the necessary sample collection supplies and shipping from the laboratory.

## Supplies

- Any sample type can be sent direct to the laboratories
- Milk samples can be submitted through routine DHI testing

<div>  <b>CentralStar</b> </div>						
Order Number: 20170823001						
<b>Comments</b> * sample 875 not rec'd; ** Pregnancy ELISA values less than 1.00 for cow milk samples obtained after 150 DCC should be considered RECHECK. **						
Animal ID	Barn Name	Official ID	Test Types	Test Value	Final Results	DCC
79			Individual Milk Pregnancy ELISA	1.177	Pregnant	37
671			Individual Milk Pregnancy ELISA	0.033	Open	40
794			Individual Milk Pregnancy ELISA	1.142	Pregnant	40
816			Individual Milk Pregnancy ELISA	2.112	Pregnant	40
882			Individual Milk Pregnancy ELISA	-0.003	Open	37
1687			Individual Milk Pregnancy ELISA	2.608	Pregnant	156
2118			Individual Milk Pregnancy ELISA	0.399	Pregnant	40
2638			Individual Milk Pregnancy ELISA	1.550	Pregnant	40
2716			Individual Milk Pregnancy ELISA	0.750	Pregnant	42
3359			Individual Milk Pregnancy ELISA	0.017	Open	40
3437			Individual Milk Pregnancy ELISA	0.755	Pregnant	47
3491			Individual Milk Pregnancy ELISA	2.671	Pregnant	202
3922			Individual Milk Pregnancy ELISA	0.000	Open	40

## Laboratories

- **CentralStar MI Lab**, 1163 Comet Lane, Grand Ledge, MI 48837
- **CentralStar WI Lab**, 200 East Kelso Road, Kaukauna, WI 54130

**To learn more talk to your CentralStar team, call  
800.631.3510 or visit [www.mycentralstar.com](http://www.mycentralstar.com).**

# HOW TO: BLOOD SAMPLE COLLECTION

## Supplies:

- Vacutainer® Vial
- Double-sided needle
- Needle holder

## Be sure to check which type of vial is required for your desired test type.

- Red-top vials: *Pregnancy, Johne's, Leukosis, BVD and Neospora*
- Purple-top vials: *A1/A2 and BLV SSI PCR.*

## Step 1:

- Screw needle into needle holder
- Insert the Vacutainer vial into the holder
- DO NOT puncture the vial stopper

## Step 2:

- Lift the tail straight up and clean area
- Find the midline groove 4 to 6 inches from the base of the tail
- Insert the needle about ¼ inch into the groove, perpendicular to the underside of the tail

## Step 3:

- Engage the vacuum by pressing the vial up puncturing the stopper
- If blood does not flow carefully redirect the needle
- DO NOT remove the needle from the tail

## Step 4:

- Once blood begins to flow maintain needle position
- Collect a minimum of 4cc of blood

## Step 5:

- Disengage the vial from the holder BEFORE removing needle from the tail

## Step 6:

- Clearly label vials with animal identification
- Fill out a sample submission form

## Step 7:

- Keep vials at room temperature to allow clotting (1 to 2 hours)
- Once clotted, keep samples refrigerated until submitted to the lab



Step 1:



Step 2:



Step 3-4:



Step 5:



Step 6: