

# IDEXX Bovine Pregnancy Test

Test With Confidence™



## Pregnant or not?

**When it comes to pregnancy testing, accuracy and early detection are essential.**

The IDEXX Bovine Pregnancy Test delivers both—ultrasound-like accuracy as early as 28 days after breeding—making it an invaluable addition to your clinic's reproductive services. With the IDEXX Bovine Pregnancy Test, you can give your clients the certainty they've never had before, with early, accurate answers they can act on with confidence.

This new test offers:

- **Exceptional accuracy:** The IDEXX Bovine Pregnancy Test delivers 99.3% sensitivity and up to 95.1% specificity at just 28 days after breeding. With a negative, or open result, your clients know with over 99% certainty that the cow is open. And, a cow is identified as negative as soon as 60 days post calving without interference from the previous pregnancy.
- **Earlier detection.** Accurately detects pregnancy-associated glycoproteins (PAGs) in serum or EDTA plasma as early as 28 days after breeding to allow for more frequent testing and improved reproductive performance.
- **Faster results.** Uses proven IDEXX ELISA technology for trusted results in less than 2.5 hours.
- **Expanded testing options.** Complements your regular pregnancy checks and provides additional diagnostic opportunities, such as BVDV and Johne's testing, using the same blood samples.

# IDEXX Bovine Pregnancy Test

## Accurate and early

The IDEXX Bovine Pregnancy Test eliminates uncertainty by promptly and accurately identifying open cows.

And when it comes to their status—open or not—time is money.

- **Shorten calving intervals** by identifying open cows earlier and confirming pregnancies more frequently.
- **Maximize milk production and revenue for farms** by reducing the number of days open, estimated to cost up to \$5 per day.<sup>1</sup>
- **Improve reproduction efficiency** and reduce costs—an estimated \$291 per head<sup>2</sup>—through early identification and removal of subfertile cows from a herd.
- **Detect and confirm pregnancies safely, without risk** of disease transmission or physical injury.

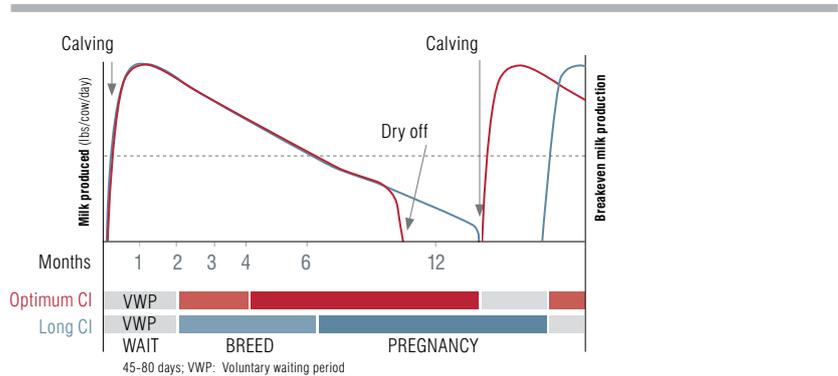
### Result interpretation:

Samples are either positive (pregnant) or negative (open); the test cutoff is 0.300.

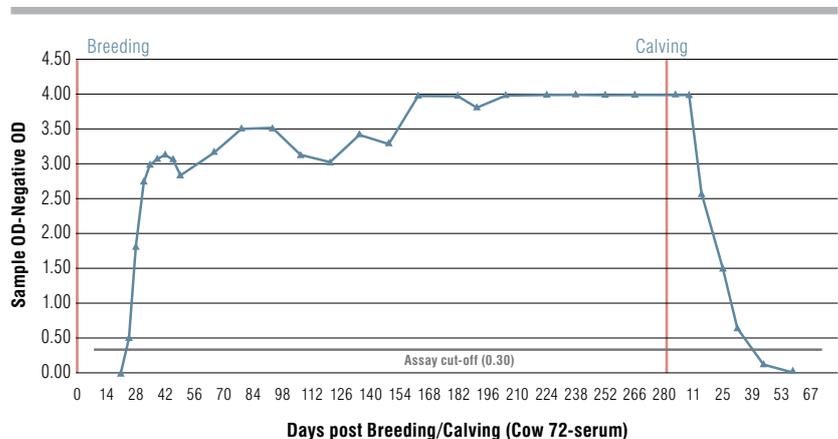
Pregnancy recheck: Embryonic death is common in early stages of cow pregnancy. PAGs can circulate in cows/heifers for some time after early embryonic death. An optional recheck of the animal is recommended if the S-N value is equal to or greater than 0.300 and less than 0.600.

IDEXX encourages producers to work closely with their veterinarian to develop a reproductive management program that is appropriate for their operation.

## Individual Cow Lactation Curve<sup>3</sup>



## Detection of Early Bovine PAG Levels by IDEXX ELISA



For more information about the **IDEXX Bovine Pregnancy Test**, please contact your IDEXX representative or visit [idexx.com/reproduction](http://idexx.com/reproduction).

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### References

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2. Selk G. Preg check and cull replacement heifers early. *Bovine Vet.* July 15, 2010. [www.cattlenetwork.com/bovine-vet/web-exclusive-practice-tips/preg-check-and-cull-replacement-heifers-early-113982539.html](http://www.cattlenetwork.com/bovine-vet/web-exclusive-practice-tips/preg-check-and-cull-replacement-heifers-early-113982539.html). Accessed April 20, 2011.
3. de Vries A, van Leeuwen J, Thatcher WW. Economics of improved reproductive performance in dairy cattle [Publication AN156]. Gainesville, FL: University of Florida, Institute of Food and Agricultural Sciences; 2005.