How PAG Fits Your Herd

One test. Multiple roles.

Early pregnancy determination
From 28 days after breeding

Pregnancy confirmation
Recheck pregnancies later in gestation.

Between herd-health visits
Test eligible cows before the next scheduled visit.

Milk or Blood
Flexible sampling for cows, heifers, or non-lactating animals.



Your herd. Your schedule.

Your reproductive rhythm.

Ready to set the rhythm?

Build a PAG workflow that fits your herd:

1. Choose your sample
Milk or blood

2. Choose your rhythm
Weekly, twice weekly, or around your existing workflow

3. Turn results into action
Use pregnancy status to drive the next reproductive decision

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PAG Pregnancy Status
Blood or Milk

Set the Rhythm of your Reproductive Program

Early answers.
More often.
Greater control.

Flexible blood or milk pregnancy testing from 28 days after breeding.

PAG = protein associated with pregnancy in ruminants

Why PAG Testing?

Efficiency
Keep cows moving.
Identify pregnancy status early and avoid delays before re-breeding.

Flexibility
Test on your schedule.
Collect milk or blood and submit smaller groups when it works for your farm.

Clarity
Give every cow a clear next step.
Sort results and take the appropriate action.

Focus
Focus veterinary expertise.
Free your herd vet to focus on whole-herd health.

Reliable results. **Practical return.**

	Ultrasound	Milk PAG	Blood PAG
Sensitivity	93-97%	96-99%	97-100%
Specificity	92-99%	94-95%	90-95%

PAG testing delivers pregnancy-status performance comparable to veterinary ultrasound, with the flexibility to test when it works for your farm.

The value in **Frequent Testing**

More frequent testing shortens the interval from breeding to the next repro decision.

Illustrative Example
If 3 open cows are identified 6 days earlier each month:

3
open cows identified sooner each month

×6
days earlier reproductive decision

×$5/day
estimated value of each day open

×12 months

$1,080/year
Potential annual value

Less restraint. **More Cow Time.**

Milk-based PAG testing avoids prolonged headlock restraint, **reducing disruption** and helping cows return sooner to their normal routine.

1.1 hours less restraint
compared with transrectal ultrasound in the study herd.

More normal post-test behaviour
Milk-tested cows took more steps with more frequent, shorter lying bouts, suggesting less disruption to normal time budgets.

+3.81 kg milk/cow over 7 days
Observed with milk-based PAG testing versus ultrasound.



Paudyal et al., 2025. JDS Communications 6:803-807.