

RIDX™

Bovine Pregnancy Test Kit

The RIDX™ Bovine Pregnancy Test Kit is a lateral flow chromatographic immunoassay that detects PAGs (Pregnancy-associated glycoproteins), which occurs in the blood of cattle when they become pregnant, for accurate determination of pregnancy in cattle.

Principal: Chromatographic immunoassay for the qualitative test
 Specimen: Bovine blood (whole blood, serum or plasma)

Components

- PAG test strip (25 or 2 tests)
- Dilution buffer (1 vial)
- Disposable dropper for whole blood (25 or 2 ea)
- Test tube (25 or 2 ea)



Features

Sensitivity 99.16% (354/357) vs. ELISA

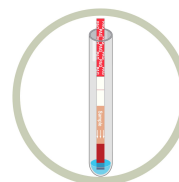
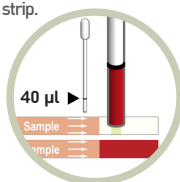
Specificity 97.01% (195/201) vs. ELISA

No cross-reactivity to other molecules (Progesterone and Early Conception Factor)

Test Procedure

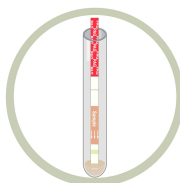
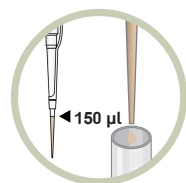
Whole Blood

- Transfer 3 drops (approximately 100 µl) of the sample dilution buffer to a test tube.
- Take 40 µl of the anticoagulated whole blood using a disposable dropper onto the black line on the dropper and instill it onto the green line of the strip.
- After all the whole blood has been absorbed into the sample pad (approximately 1–2 min), place the strip into the test tube with the buffer.



Serum and Plasma

- Using a micropipette, transfer 150 µl of serum or plasma into a test tube.
- Place the strip into the test tube containing the serum or plasma sample.



R Read the result at 20 minutes.

Positive

R < T: [C] [R] [T] [S] | [C] [R] [T] [S]

R = T: Possible: [C] [R] [T] [S] | [C] [R] [T] [S]

Retest after 7 days

Negative

[C] [R] [T] [S] | [C] [R] [T] [S]

[C] [R] [T] [S] | [C] [R] [T] [S]

Invalid

[C] [R] [T] [S] | [C] [R] [T] [S]

[C] [R] [T] [S] | [C] [R] [T] [S]

CAT No.	Description	LIC No.	Type	Package size
LGM-BPG-11	RIDX Bovine Pregnancy Test Kit	300-026	LFA*	25 Tests/Kit
LGM-BPG-12				2 Tests/Kit

* LFA: Lateral flow assay