

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 tests)
- Dilution buffer (1 vial)
- Disposable dropper for whole blood (25 ea)
- Test tube (25 ea)
- Paper rack for standing test tubes (1 ea)
- Instructions for use (1 sheet)



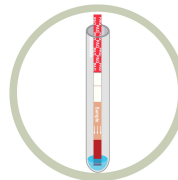
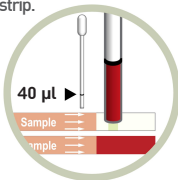
Features

- Sensitivity** 99.16% (354/357) vs. ELISA
- Specificity** 97.01% (195/201) vs. ELISA
- Limit of Detection:** 0.3 ng/ml of PAG
- No cross-reactivity** to other molecules (Progesterone and Early Conception Factor)

Test Procedure

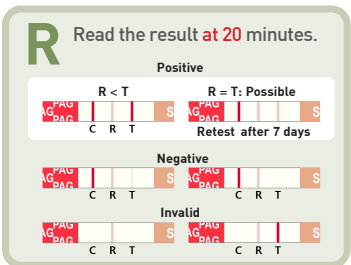
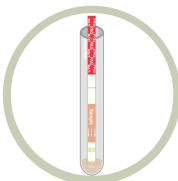
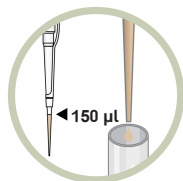
Whole Blood

- Transfer 3 drops (approximately 100 μ l) of the sample dilution buffer to a test tube.
- Take 40 μ l 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 μ l of serum or plasma into a test tube.
- Place the strip into the test tube containing the serum or plasma sample.



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

* LFA: Lateral flow assay