

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)

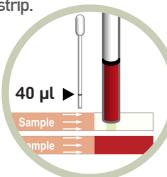
Test Procedure

Whole Blood

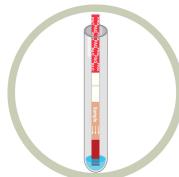
1 Transfer 3 drops (approximately 100 μ l) of the sample dilution buffer to a test tube.



2 Take 40 μ l of the anticoagulated whole blood using a disposable dropper unto the black line on the dropper and instill it onto the green line of the strip.

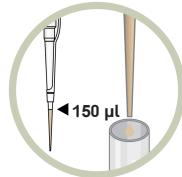


3 After all the whole blood has been absorbed into the sample pad (approximately 1-2 min), place the strip into the test tube with the buffer.

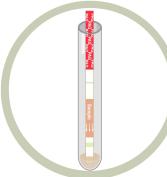


Serum and Plasma

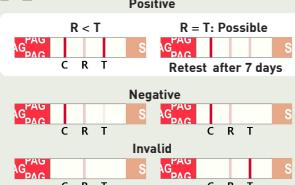
1 Using a micropipette, transfer 150 μ l of serum or plasma into a test tube.



2 Place the strip into the test tube containing the serum or plasma sample.



R Read the result at 20 minutes.



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