

RIDX®

Bovine Brucella Ab Test Kit

Brucellosis is caused almost exclusively by *Brucella abortus*, and its infection spreads rapidly and causes much abortion in unvaccinated cattle.

The RIDX® Bovine Brucella Ab Test Kit is a lateral flow chromatographic immunoassay for the detection of bovine brucella antibodies in bovine blood within 10 minutes after dropping the sample.

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

Components

- Bovine Brucella Ab test device (10 tests)
- Dilution buffer (1 vial)
- Disposable capillary tube (10 ea)
- Anticoagulant tube (with EDTA, 10 ea)
- Instructions for use (1 sheet)

Features

Sensitivity 100% (105/105) vs. ELISA

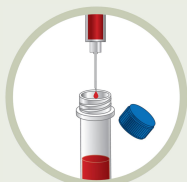
Specificity 100% (600/600) vs. ELISA

No **cross-reactivity** with antisera of other bovine pathogens (BHV-1, BLV, BRSV, BVDV, and PI-3)



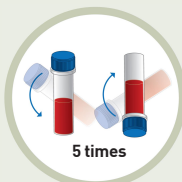
Test Procedure

- 1** Collect the whole blood sample and put it into the anticoagulant tube (approximately 1 ml).



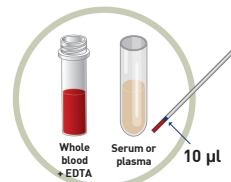
If you use whole blood

- 2** Close the cap on the tube and invert it 5 times to mix the sample with EDTA.

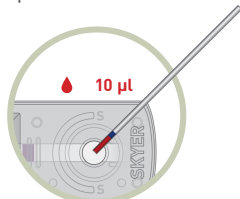


5 times

- 3** Take 10 µl of the sample (whole blood, serum or plasma) using a capillary tube onto the blue line on the capillary tube.



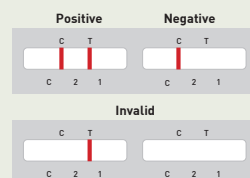
- 4** Apply 10 µl of the sample into the sample hole on the device.



- 5** Apply 4 drops of the sample dilution buffer into the sample hole on the device.



- 6** Read the result at 10 minutes.



CAT No.	Description	LIC No.	Type	Package size
LGM-BBB-11	RIDX Bovine Brucella Ab Test Kit	300-002	LFA*	10 Tests/Kit

* LFA: Lateral flow assay