

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

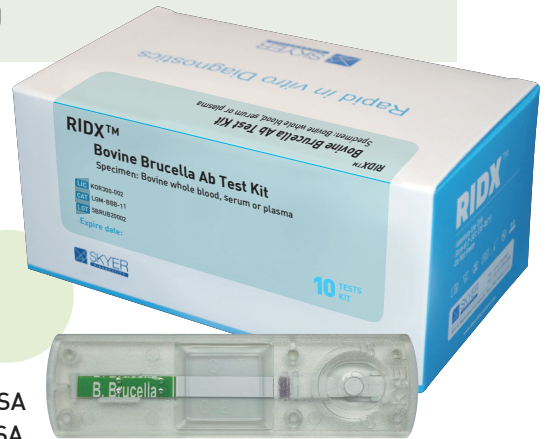
- Bovine Brucella Ab test device (10 or 2 tests)
- Dilution buffer (1 vial)
- Disposable capillary tube (10 or 2 ea)
- Anticoagulant tube (with EDTA, 10 or 2 ea)

Features

Sensitivity 100% (105/105) vs. Rose-Bengal Plate Test, ELISA

Specificity 100% (600/600) vs. Rose-Bengal Plate Test, ELISA

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



Test Procedure

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

If you use whole blood
- Close the cap on the tube and invert it 5 times to mix the sample with EDTA.

5 times
- Take 10 µl of the sample (whole blood, serum or plasma) using a capillary tube unto the blue line on the capillary tube.

Whole blood + EDTA Serum or plasma 10 µl
- Apply 10 µl of the sample into the sample hole on the device.

10 µl
- Apply 4 drops of the sample dilution buffer into the sample hole on the device.

4 drops
- Read the result at 10 minutes.

Positive: C T (both lines) Negative: C T (C line only)
Invalid: C T (no lines)

CAT No.	Description	LIC No.	Type	Package size
LGM-BBB-11	RIDX Bovine Brucella Ab Test Kit	300-002	LFA*	10 Tests/Kit
LGM-BBB-12				2 Tests/Kit

* LFA: Lateral flow assay