

**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

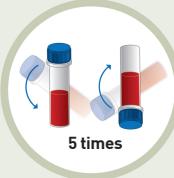
No cross-reactivity with antisera of other bovine pathogens (BHV-1, BLV, BRSV, BVDV, and PI-3)

## Test Procedure

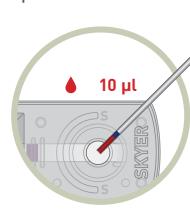
**1** Collect the whole blood sample and put it into the anticoagulant tube (approximately 1 ml).



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



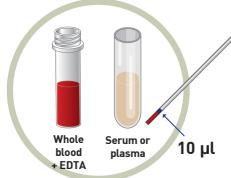
**4** Apply 10  $\mu$ l of the sample into the sample hole on the device.



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



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



**6** Read the result at 10 minutes.

Positive	Negative
C T	C T
Invalid	
C T	C T
C 2 1	C 2 1

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