

RIDX™ BLV Ab Test Kit

Bovine leukemia virus (BLV) is a retrovirus that causes lymphosarcoma in the bovine. Once infected, it remains in the blood of bovine for life and is difficult to treat. For this reason, accurate and rapid diagnosis of the disease is required.

The RIDX™ BLV Ab Test Kit detects BLV antibodies (anti-BLV gp51) accurately, quickly, and simply within 10 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test
Specimen: Bovine serum

Components

- BLV Ab test device (10 or 2 tests)
- Dilution buffer (1 vial)
- Disposable capillary tube (10 or 2 ea)



Features

Sensitivity

100% (105/105) vs. B-ELISA, 100% (100/100) vs. AGID

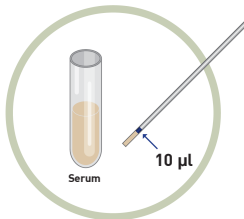
Specificity

98.7% (152/154) vs. B-ELISA, 95.6% (152/159) vs. AGID

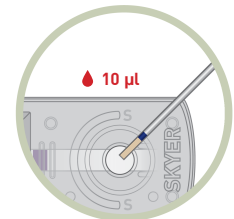
No **cross-reactivity** with other bovine pathogens (BHV-1, BRSA, BVDV, PI-3, and *Y. enterocolitica* 0:9)

Test Procedure

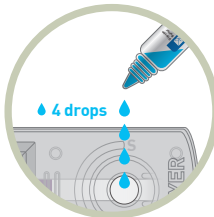
- 1 Collect the sample (bovine serum) using a capillary tube unto the blue line on the capillary tube.



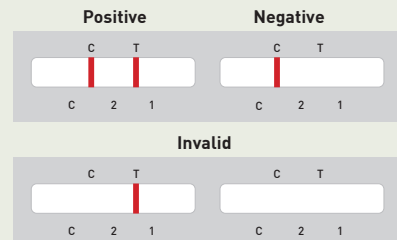
- 2 Apply 10 µl of the sample into the sample hole.



- 3 Apply 4 drops of the dilution buffer into the sample hole.



- 4 Read the result **at 10 minutes**.



| CAT No. | Description | LIC No. | Type | Package size |
|------------|----------------------|---------|------|--------------|
| LGM-BLB-11 | RIDX BLV Ab Test Kit | 300-003 | LFA* | 10 Tests/Kit |
| LGM-BLB-12 | | | | 2 Tests/Kit |

* LFA: Lateral flow assay