

RIDX[®] BVDV Ag SP Test Kit

Bovine viral diarrhea virus (BVDV) is a highly contagious pathogen that causes significant economic losses around the world due to its impact on reproduction, respiratory health, and immunosuppression in cattle and other ruminants.

The RIDX[®] BVDV Ag SP Test Kit is a lateral flow chromatographic immunoassay for the detection of BVDV in bovine serum or plasma within 20 minutes after dropping the sample.

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

Components

BVDV Ag test device (10 tests)
Dilution buffer (1 vial)
Disposable dropper (10 ea)
Instructions for use (1 sheet)



Features

Sensitivity 96.67% (58/90) vs. RT-PCR

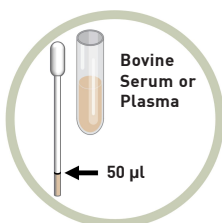
Specificity 100% (92/92) vs. RT-PCR

Limit of Detection 1×10^4 TCID₅₀/ml

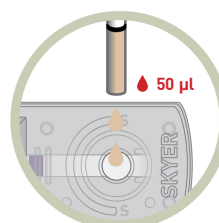
No cross-reactivity with other bovine pathogens (Aino virus, Akabane virus, BCV, Rotavirus, CHUV and IBAV)

Test Procedure

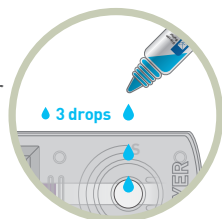
- 1 Take 50 µl of sample (bovine serum or plasma) to the black line of the dropper.



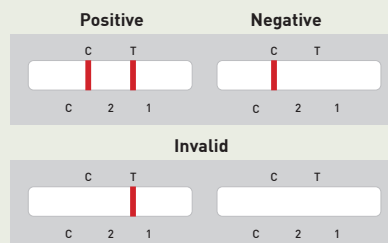
- 2 Apply the taken sample into the sample hole (S) on the device.



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



- 4 Read the result at 20 minutes.



CAT No.	Description	LIC No.	Type	Package size
LGM-BVG-12	RIDX BVDV Ag SP Test Kit	300-031	LFA*	10 Tests/Kit

* LFA: Lateral flow assay