

**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

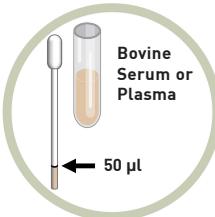
**Specificity** 100% (92/92) vs. RT-PCR

**Limit of Detection**  $1 \times 10^4 \text{ TCID}_{50}/\text{ml}$

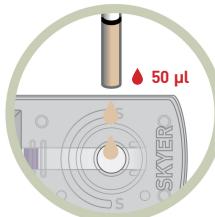
**No cross-reactivity** with other bovine pathogens (Aino virus, Akabane virus, BCV, Rotavirus, CHUV and IBAV)

## Test Procedure

**1** Take 50  $\mu\text{l}$  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**.

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

**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