

RIDX™

FMDV 3ABC Ab Test Kit

Foot-and-mouth disease virus (FMDV) causes an acute systemic diseases of cloven-hoofed animals and continues to be threat to livestock worldwide with outbreaks causing severe economic losses.

The RIDX™ FMDV 3ABC Ab Test Kit is a lateral flow chromatographic immunoassay for the qualitative detection of antibodies (anti-3ABC non-structural polyprotein (NSP)) to all seven serotypes of FMDV in bovine or porcine blood specimens.

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Whole blood, serum or plasma of ruminants

Components

- FMDV NSP 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)

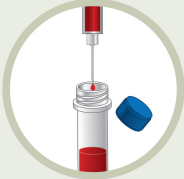
Features

- Sensitivity** Bovine 100% (30/30) vs. ELISA, Porcine 83.33% (25/30) vs. ELISA
- Specificity** Bovine 99.60% (498/500) vs. ELISA, Porcine 99.20% (496/500) vs. ELISA
- Limit of Detection (VNT titer)** Type O 64, Type A 5.5, Type Asia1 177, Type SAT2 512

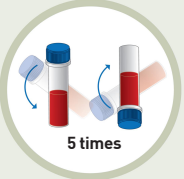


Test Procedure

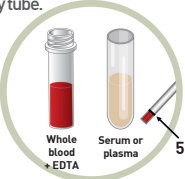
- 1** Collect the whole blood sample and put it into the anticoagulant tube (approximately 1 ml).



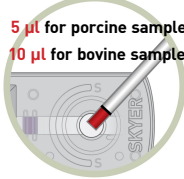
If you use whole blood
- 2** Close the cap on the tube and invert it 5 times to mix the sample with EDTA.



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



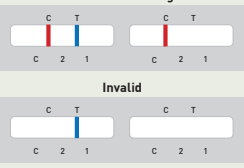
Whole blood + EDTA
Serum or plasma
5 µl
- 4** For porcine sample, fill the capillary tube and apply once. For bovine sample, repeat this process twice.



5 µl for porcine sample
10 µl for bovine sample
- 5** Apply 3 drops of the sample dilution buffer into the sample hole on the device.



3 drops
- 6** Read the result at 10 minutes.



Positive Negative Invalid

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CAT No.	Description	LIC No.	Type	Package size
LGM-VFB-73	RIDX FMDV 3ABC Ab Test Kit	300-037	LFA*	10 Tests/Kit

* LFA: Lateral flow assay