

RIDX™ FMDV 7 Ag Test Kit

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

The RIDX™ FMDV 7 Ag Test Kit is a lateral flow chromatographic immunoassay for the detection of all seven serotypes of FMDV antigens (type O, type A, type C, type Asia1, type SAT1, type SAT2, and type SAT3).

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Bovine or porcine saliva, tissue or vesicular fluid around lip, tongue, gums, nose, hoof

Components

- FMDV 7 Ag test device (10 tests)
- Disposable swab (10 ea)
- Sample dilution buffer (1 vial)
- Disposable dropper (10 ea)
- Sample tube (10 ea)



Features

Clinical Sensitivity in spiking samples with virus (titer: 1.0×10^5 TCID₅₀/ml or higher)

Type O 100% (68/68), type A 100% (70/70), type C 100% (20/20), type Asia1 100% (60/60), type SAT1 100% (20/20), type SAT2 100% (20/20), and type SAT3 100% (20/20)

Clinical Specificity

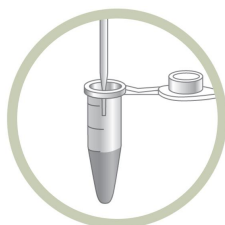
Bovine 100% (92/92), Swine 99.5% (398/400)

Limit of Detection 0.56×10^4 ~ 4.22×10^5 TCID₅₀/ml by serotypes

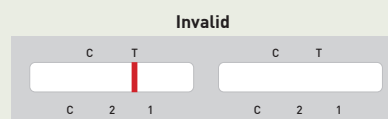
No Cross-reactivity with other pathogens (CSFV, PRRSV, SVDV, SVV, and VSV)

Test Procedure

- 1** Take the supernatant of the prepared sample solution by using a dropper.
- 2** Slowly add 4 drops (100ul) of the sample solution into the sample hole on the test device.



- 3** Read the result at 15 minutes.



| CAT No. | Description | LIC No. | Type | Package size |
|------------|-------------------------|---------|------|--------------|
| LGM-VFG-72 | RIDX FMDV 7 Ag Test Kit | 300-025 | LFA* | 10 Tests/Kit |

* LFA: Lateral flow assay