

# 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 or 2 tests)
- Disposable swab (10 or 2 ea)
- Sample dilution buffer (1 vial)
- Disposable dropper (10 or 2 ea)
- Sample tube (10 or 2 ea)



## Features

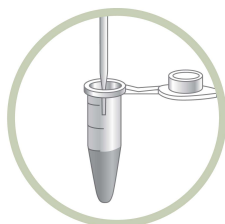
**Clinical Sensitivity** in spiking samples with virus (titer:  $1.0 \times 10^5$  TCID<sub>50</sub>/ml or higher)  
 Type O 100% (68/68), type A 100% (70/70), type C 100% (20/20), type Asia1 100% (60/60), type SAT1 100% (20/20), type SAT2 100% (20/20), and type SAT3 100% (20/20)

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

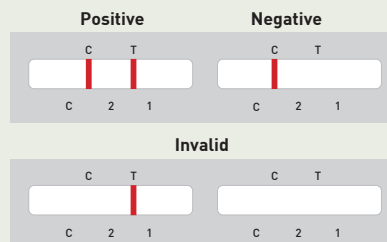
**Limit of Detection**  $0.56 \times 10^4 \sim 4.22 \times 10^5$  TCID<sub>50</sub>/ml by serotypes  
 No **cross-reactivity** with other pathogens (CSFV, PRRSV, SVDV, SVV, and VSV)

## Test Procedure

- Take the supernatant of the prepared sample solution by using a dropper.
- Slowly apply 4 drops (100 µl) of the sample solution into the sample hole on the test device.



- 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
LGM-VFG-74				2 Tests/Kit

\* LFA: Lateral flow assay