

RIDX[®] TGEV Ag Test Kit

Transmissible gastroenteritis (TGE) has a very high rate of piglet mortality, causing serious economic damage to breeding farms. TGEV infection is rapidly progressing through contact or aerosol exposure, requiring rapid diagnosis.

The RIDX[®] TGEV Ag Test Kit quickly and accurately detects TGEV antigen within 10 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test

Specimen: Porcine diarrhea feces

Components

TGEV Ag test device (10 or 2 tests)

Sample dilution buffer (10 or 2 vials)

Disposable swab (10 or 2 ea)

Disposable dropper (10 or 2 ea)

Instructions for use (1 sheet)

Features

Sensitivity 98.1% (52/53) vs. RT-PCR

Specificity 98.7% (150/152) vs. RT-PCR

Limit of Detection 1 x 10² TCID₅₀/ml

No cross-reactivity with other porcine pathogens (CSFV, JEV, PCV2, PEDV, PRRSV, ROTA, and *Salmonella*)

Test Procedure

- Using a swab to collect diarrhea samples or diarrhea feces in the anus.
- Put the swab into the sample dilution buffer and stir the sample with the swab.
- Remove the swab from the sample dilution buffer.
- Place the tube until the large particles are down. 20 sec
- Take the supernatant using a dropper. Apply 4 drops of the sample solution into the sample hole on the device.
- Read the result **at 10 minutes**.

Positive

Negative

Invalid

Invalid

CAT No.	Description	LIC No.	Type	Package size
LGM-PTG-11	RIDX TGEV Ag Test Kit	300-004	LFA*	10 Tests/Kit
LGM-PTG-12				2 Tests/Kit

* LFA: Lateral flow assay