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 tests)
Sample dilution buffer (10 vials)
Disposable swab (10 ea)
Disposable dropper (10 ea)

Features

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

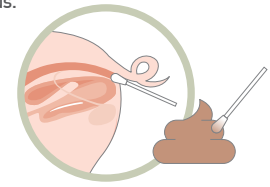
Specificity 98.7% (150/152) *vs.* RT-PCR

Limit of Detection 1x10^2 TCID$_{50}$/ml

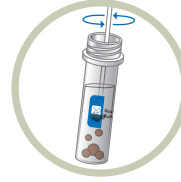
No Cross-reactivity with other porcine pathogens (CSFV, JEV, PCV2, PEDV, PRRSV, ROTA, and *Salmonella*)

Test Procedure

1 Using a swab to collect diarrhea samples or diarrhea feces in the anus.



2 Put the swab into the sample dilution buffer and stir the sample with the swab.



3 Remove the swab from the sample dilution buffer.

4 Place the tube until the large particles down.

5 Take the supernatant using a dropper. Add 4 drops of the sample solution into the sample hole on the device.

6 Read the result at 10 minutes.

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

* LFA: Lateral flow assay