

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

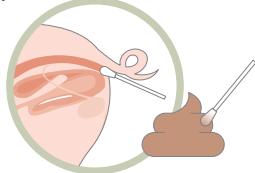
Specificity 98.7% (150/152) vs. RT-PCR

Limit of Detection 1×10^2 TCID₅₀/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.



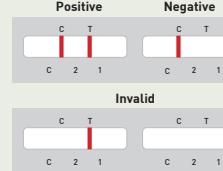
4 Place the tube until the large particles are down.



5 Take the supernatant using a dropper. Apply 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
LGM-PTG-12

RIDX TGEV Ag Test Kit

300-004

LFA*

10 Tests/Kit
2 Tests/Kit

* LFA: Lateral flow assay