

RIDX® PEDV Ag Test Kit

Porcine epidemic diarrhea (PED) has a high mortality rate from a viral infection, and its symptoms are similar to those of TGEV infection, requiring accurate and fast diagnosis.

The RIDX® PEDV Ag Test Kit is a diagnostic reagent that can quickly and easily detect PEDV antigen within 10 minutes after dropping the sample.

Principal: Chromatographic immunoassay for the qualitative test
Specimen: Porcine diarrhea feces

Components

PEDV 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 98.3% (228/232) vs. RT-PCR

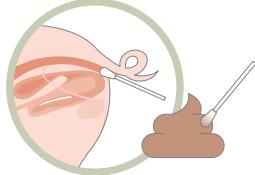
Specificity 98.6% (276/280) vs. RT-PCR

Limit of Detection $1 \times 10^2 \text{ TCID}_{50}/\text{ml}$

No cross-reactivity with other porcine diarrheal pathogens (BVDV, CSFV, PCV2, PRRSV, ROTA, and TGEV)

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**.

Positive	Negative

CAT No.

Description

LIC No.

Type

Package size

LGM-PPG-11
LGM-PPG-12

RIDX PEDV Ag Test Kit

300-021

LFA*

10 Tests/Kit
2 Tests/Kit

* LFA: Lateral flow assay