

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)



Features

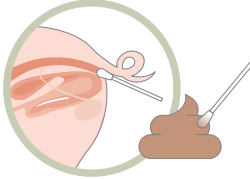




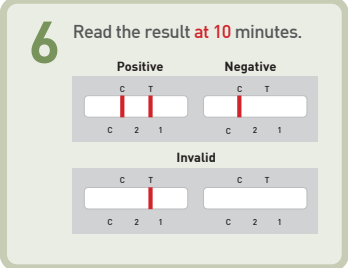
Sensitivity 98.3% (228 /232) vs. RT-PCR

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

Limit of Detection 1 x 10² TCID₅₀/ml

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

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.
 
- 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.
 

CAT No.	Description	LIC No.	Type	Package size
LGM-PPG-11	RIDX PEDV Ag Test Kit	300-021	LFA*	10 Tests/Kit
LGM-PPG-12				2 Tests/Kit

* LFA: Lateral flow assay