

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



## Features

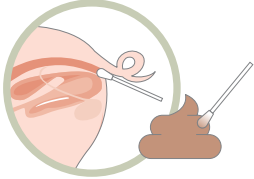




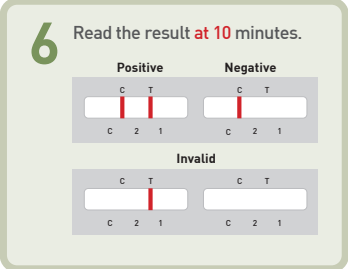
**Sensitivity** 98.3% (228/232) vs. RT-PCR

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

**Limit of Detection** 1x10<sup>2</sup> TCID<sub>50</sub>/ml

No Cross-reactivity with other porcine diarrheal pathogens (BVDV, CSFV, PCV2, PRRSV, ROTAV, 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 down. 
- Take the supernatant using a dropper. Add 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

\* LFA: Lateral flow assay