

RIDX™ Porcine ROTA Ag Test Kit

Rotaviruses (Rota) are a major cause of acute viral gastroenteritis in young animals and children. The virus is transmitted by the fecal-oral route and the infection results in the destruction of mature small intestinal enterocytes.

The RIDX™ Porcine ROTA Ag Test Kit is a diagnostic reagent that can quickly and easily detect porcine Rota antigen in porcine within 10 minutes after dropping the sample.

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

Components

- Porcine ROTA 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

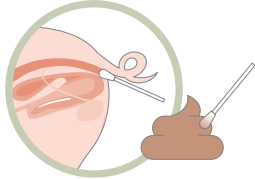




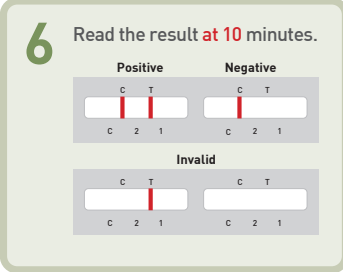
Sensitivity 93.2% (272/292) vs. RT-PCR

Specificity 98.1% (420/428) vs. RT-PCR

Limit of Detection 1 x 10² TCID₅₀/ml

No **cross-reactivity** with other porcine pathogens (CSFV, EMCV, JEV, PEDV, TGEV, and *Salmonella* spp.)

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-PRG-11	RIDX Porcine ROTA Ag Test Kit	300-013	LFA*	10 Tests/Kit
LGM-PRG-12				2 Tests/Kit

* LFA: Lateral flow assay