

RIDX[®] Porcine ROTA Ag Test Kit

Rotaviruses 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)
Instructions for use (1 sheet)

Features

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

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

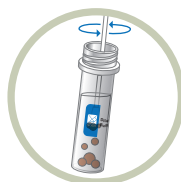
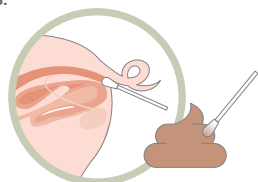
Limit of Detection 1 x 10² TCID₅₀/ml

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

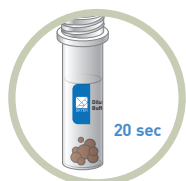


Test Procedure

- 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.



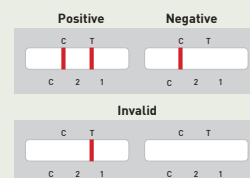
- 4 Place the tube until the large particles are down.



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

* LFA: Lateral flow assay