

**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  $1 \times 10^2$  TCID<sub>50</sub>/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.

Positive	Negative
Invalid	

**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