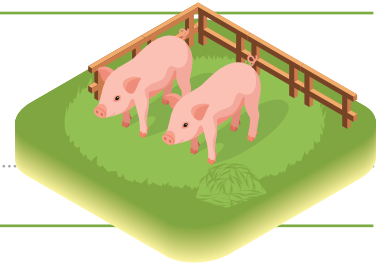


VDRG[®] ROTA Ag Rapid Kit



Rotavirus

Rota virus is an RNA virus with size of 80nm belonging to Reo virus. After being discovered for the first time in 1973, it occurs throughout the year as it is persistent in pig farms for the most part. Although the infection rate is high, the death rate is low (7-20%). It is characterized by diarrhea symptoms in three week old weaning pigs for the most part.

This test kit, the diagnostic reagent can detect Rota virus antigens quickly and simply within 10 minutes after dropping the samples.

Introduction

- + **Intended use** : Detection of Rota virus, group A antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Porcine diarrhea feces
- + **Component**
 - Rota Ag Rapid device
 - Sample dilution buffer
 - Swabs
 - Dropper

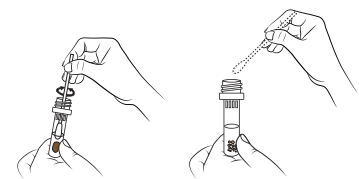


Features

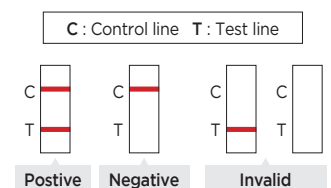
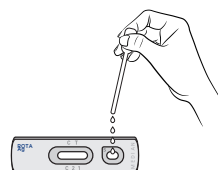
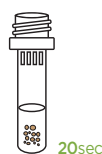
- + Easy test, Ready-to-use reagent
- + High correlation with RT-PCR and a high reproducibility and accuracy.
- + Clinical sensitivity : 93.2% (272/292) vs RT-PCR
- + Clinical specificity : 99.1% (420/428) vs RT-PCR
- + No cross reaction with other viruses

Test procedure

- 1 Collect a diarrhea specimen from diarrhea feces or those in the anus using swabs for fecal specimen collection.
- 2 Put the specimen into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal specimen thoroughly.



- 3 Place the tube upright until the large particles go down.(20sec.)
- 4 Take the supernatant of specimen using dropper, and then instill 4 drops into the test device.
- 5 Read test results after **10 minutes**.



Order Information

Cat No.	Product Name	Quantity
PS-ROT-11	VDRG [®] ROTA Ag Rapid Kit	10 Tests/Box