



# SD BIOLINE Rotavirus

## One Step Rotavirus Antigen Test

Rotavirus is the most common cause of severe, dehydrating diarrhea among children worldwide. Scientists have described seven rotavirus groups (A to G). Only groups A, B, and C infect humans. Group A, which has multiple strains, causes the majority of childhood infections. Although human of all ages are susceptible to rotavirus infection, children 3 to 24 months of age account for the vast majority of severe infections. A person with rotavirus diarrhea often excretes large amounts of virus, which can spread readily through contaminated hands, contaminated objects, water or food. SD BIOLINE Rotavirus test thanks to its accuracy and the ease of use greatly supports Rotavirus infection control and treatment.



### General Information

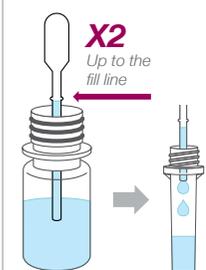
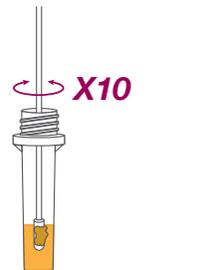
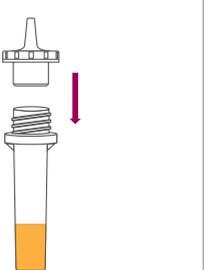
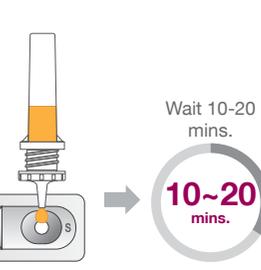
SD BIOLINE Rotavirus test is an immunochromatographic assay for the detection of Group A rotavirus in human fecal specimens. The test utilizes two kinds of antibody in a solid phase sandwich immunochromatography to detect group specific proteins, including the major inner capsid protein, present in Group A rotaviruses.

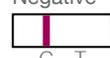
- Early detection of rotavirus antigen group A all serotype
- Convenient and clean test
- Specimen: Fecal specimens
- Shelf life and storage temperature: 18 months at 1-30 °C
- Performance: Sensitivity : 94 %, Specificity 98.3 % (vs. RT-PCR)

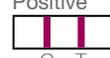
### Materials Provided

- Test device
- Sample collection tube
- Assay diluent
- Sample collection swab
- Disposable dropper
- Disposable dropping cap

### Test Procedure

- 1 Add Assay Diluent**  
*Transfer assay diluent twice.*  

- 2 Insert swab sample**  
*Insert the swab into the sample collection tube and swirl the swab at least 10 times.*  

- 3 Assemble dropping cap**  
*Assemble dropping cap on the sample collection tube.*  

- 4 Add Specimen**  
*Dispense 3-4 drops.*  

- 5 Read Results**  

Negative  
  
C T

Positive  
  
C T

Invalid  
  
C T

### Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Rotavirus	14FK10	Device	Fecal	20T/Kit