



# RIDA®QUICK Rota/Adeno/Noro Combi

One test to detect the most important pathogens of acute viral gastroenteritis



## Product specifications



### Intended use:

For *in vitro* diagnostic use. RIDA®QUICK Rota/Adeno/Noro Combi is a single step immunochromatographic lateral flow assay for the qualitative detection of rotaviruses, adenoviruses, and noroviruses from genogroups I and II in human stool specimens.



### Kit storage:

2 - 30 °C



### Kit shelf life:

Max. 24 months



### Sample type:

Untreated human stool



### Analytes:

#### Strip 1:

Adenovirus (blue T1-line)

Rotavirus (red T2-line)

#### Strip 2:

Norovirus GI (red GG1-line)

Norovirus GII (red GG2-line)



### Integrated control:

#### Strip 1:

Control (green C-line)

#### Strip 2:

Control (green C-line)



### Analytical sensitivity:

Rotavirus: 2 ng particles/mL

Adenovirus: 16 ng antigen/mL

Norovirus GI: 3.25 ng VLP /mL

Norovirus GII: 0.625 ng VLP /mL



### Relative sensitivity:

Rotavirus: >99.9 %

Adenovirus: >99.9 %

Norovirus GI: 75 %

Norovirus GII: 92.6 %



### Relative specificity:

Rotavirus: >99.9 %

Adenovirus: >99.9 %

Norovirus GI: 97.2 %

Norovirus GII: 97.2 %

## Why is parallel testing useful?

- Acute viral gastroenteritis is mainly caused by norovirus, rotavirus, and adenovirus
- Several studies report increasing numbers of viral co-infections in patients with diarrhea who might suffer from a more severe disease
- Symptoms of patients with acute diarrhea are not sufficiently specific to allow for a distinct diagnosis
- Rapid detection of the disease causing pathogen supports infection control and patient care

## Diagnostic solution

The RIDA®QUICK Rota/Adeno/Noro Combi for professional laboratory use

- distinguishes the most important pathogens of viral acute gastroenteritis (Rotavirus/Adenovirus/Norovirus GI/Norovirus GII)
- is simple, rapid, and cost efficient
- offers competitive performance data with reliant accuracy and simplistic product design

## Your benefits

### Quality

- Study data<sup>1</sup> highlights competitive performance of the test
- Integrated control lines to evaluate test run validity
- Easy interpretation with color-coded result lines, and interpretation marks on the test cassette
- Available compatible controls to control workflow performance and result quality

### Simplicity and rapid results

- Prefilled buffer vials save time and reduce sample dilution errors
- Sample measuring tools (disposable pipettes, applicator stick) minimize test complexity and sample dilution errors
- Simple workflow helps to reduce test performance errors
- Results are obtained after 15 minutes test run

### Efficiency

- Increase of lab efficiency: 1 sample – 1 test – 4 analyzed targets
- Minimal hands on time saves resources
- Time savings due to simplified test layout and design
- Cost saving: all required materials are included

1: Kaplon J, Théry L, Bidalot M, et al. Diagnostic Accuracy of Four Commercial Triplex Immunochromatographic Tests for Rapid Detection of Rotavirus, Adenovirus, and Norovirus in Human Stool Samples. J Clin Microbiol. 2020;59(1):e01749-20. Published 2020 Dec 17. doi:10.1128/JCM.01749-20