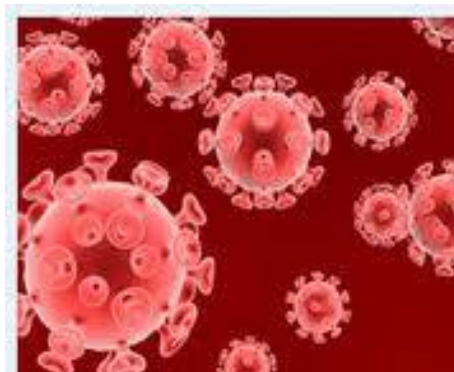


Rota - Adeno

RAPID TEST



*Rapid chromatographic immunoassay for the qualitative detection of **Rotavirus and Adenovirus antigens** in human feces.*



1. What is ROTAVIRUS and ADENOVIRUS?

Rotavirus is a virus that leads single cause of severe diarrhea among infants and young children and is one of several viruses that cause infections commonly known as stomach flu, despite having no relation to influenza. By the age of five, nearly every child in the world has been infected with rotavirus at least once.

Rotavirus is transmitted by the fecal-oral route and accounts for up to 50% of hospitalizations for severe diarrhea in infants and children

More than 500,000 children under five years of age die from Rotavirus infection each year and almost two million more become severely ill.

Adenovirus infections most commonly cause illness of the respiratory system; however, depending on the infecting serotype, they may also cause various other illnesses, such as gastroenteritis (usually in children).

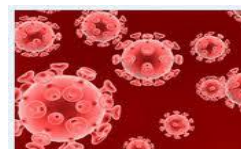
Adenovirus is transmitted by direct contact, fecal-oral transmission, and occasionally waterborne transmission.

2. What is H&R Rotavirus-Adenovirus test?

The *H&R Rotavirus-Adenovirus* test is a rapid chromatographic immunoassay for the qualitative detection of *Rotavirus* and *Adenovirus* antigens in human feces specimens to aid in the diagnosis of *Rotavirus* and *Adenovirus* infection.

The use of different colors in the performance of the test avoids any possibility of confusion in the interpretation of the result.

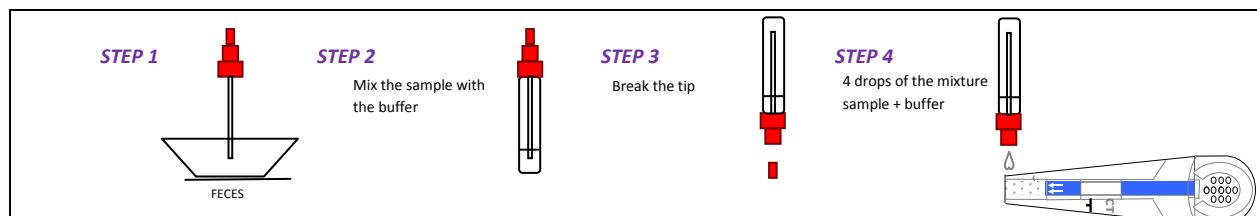
ADENOVIRUS



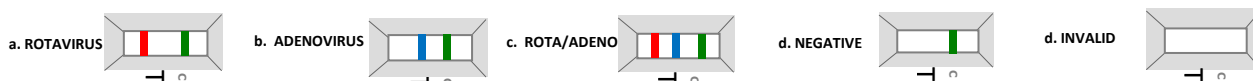
3. How is H&R Rotavirus-Adenovirus test performed?



- Collect sufficient quantity of faeces.
- Unscrew the cap of the vial and introduce the stick into the faecal specimen to pick up a little of sample.
- Introduce the stick with the sample into the vial and shake it in order to assure good sample dispersion.
- Break off the tip of the vial and open the poche to take the *H&R Rotavirus-Adenovirus* test device.
- Dispense 4 drops or 100 µL into the cassette and wait 10 minutes for the result.



4. Interpretation of results



5. Performance Data

- Sensitivity* is *Rotavirus* >99% and *Adenovirus* >90% compared to another commercial available Rotavirus and Adenovirus ELISA assays.
- Specificity* is *Rotavirus* >98% and *Adenovirus* >99% compared to another commercial available Rotavirus and Adenovirus ELISA assays.
- Cross reactivity*: there is not cross reactivity with common gastrointestinal pathogens, other organisms and substances occasionally present in feces.