

Rotavirus + Norovirus GI/GII detection kit

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Patología y descripción del test

Rotavirus, Adenovirus y Astrovirus are most common and major causes of severe gastroenteritis in infants and young children. Pattern also observed in adults. They are transmitted by faecal-oral contact. The main symptoms of viral gastroenteritis are watery diarrhoea and vomiting. The affected person may also have headache, fever and abdominal cramps ("stomach ache"). In general, the symptoms begin 1 to 2 days following infection and may last until 3 days for *Rotavirus*.

Noroviruses are the leading cause of epidemic gastroenteritis. The symptoms are vomiting, watery diarrhoea and abdominal cramps. Other symptoms such

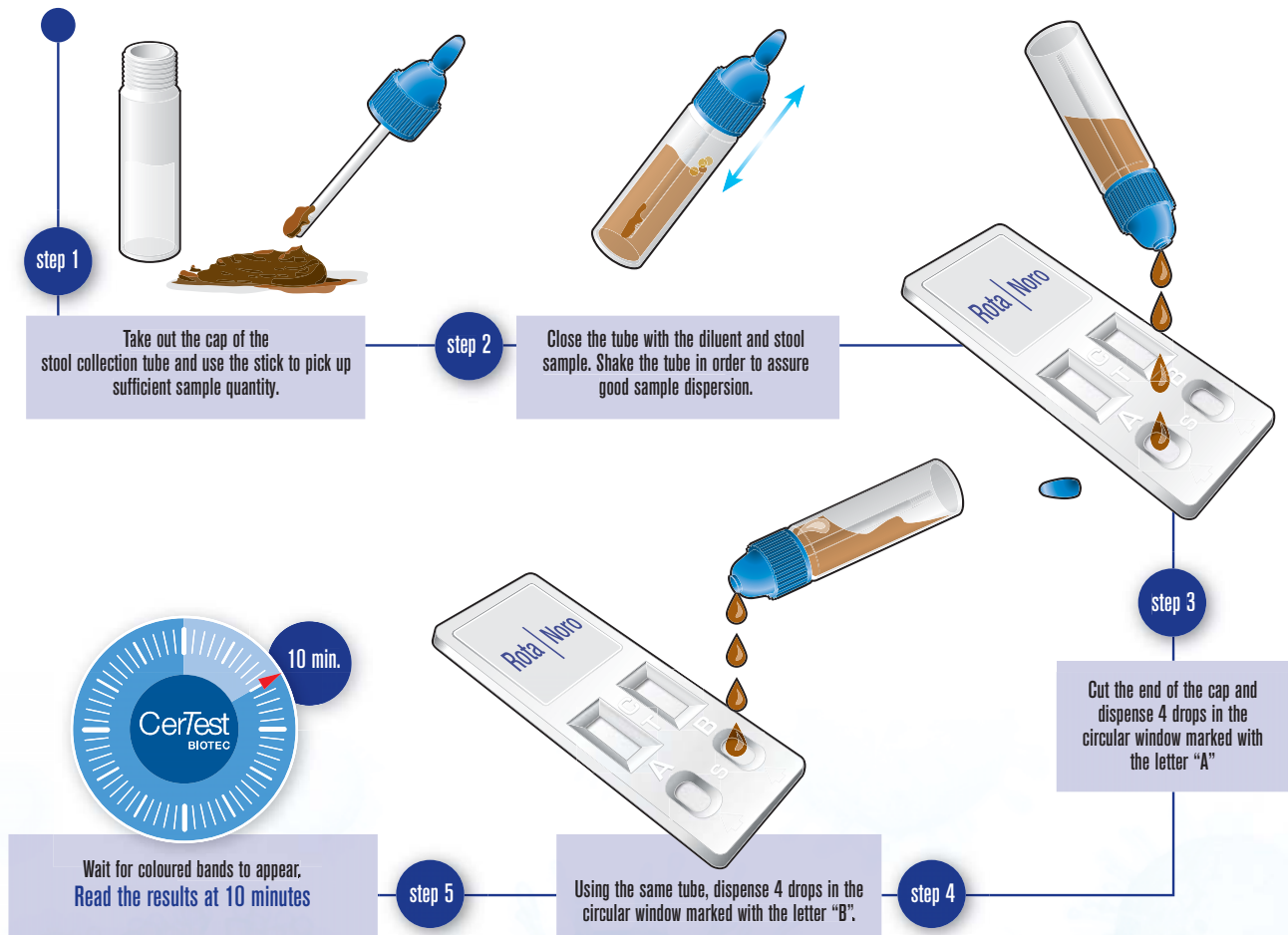
as general malaise, low grade fever, nausea and fatigue are also present in over 90% of cases. As a rule, the disease does not have serious consequences, and most patients recover within 1-2 days without complications. Debilitated patients and persons with weaker immune systems such as children, elderly or chronic patients may be affected by more serious forms of the disease.

CerTest *Rotavirus + Norovirus GI/GII* card test provides a single, rapid and highly sensitive screening assay to make a presumptive diagnosis of *Rotavirus* and/or *Norovirus* infection in stool samples.

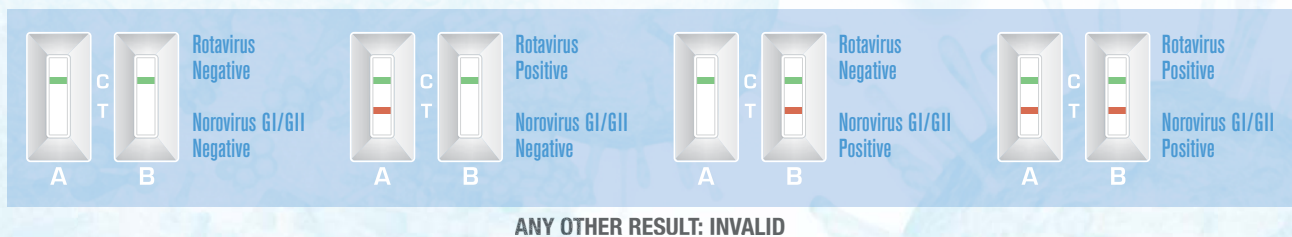


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Test procedure



Interpretation of the results



Clinical Sensitivity and Specificity

	Sensitivity	Specificity	PPV	NPV		Sensitivity	Specificity	PPV	NPV
CerTest Rotavirus+Norovirus GI/GII (Rotavirus) vs. Ridascreen® Rotavirus Elisa Test	>99%	>98%	>94%	>99%	CerTest Rotavirus+Norovirus GI/GII (Norovirus GI) vs. Simple Norovirus	>99%	>99%	>99%	>99%



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