

Norovirus GI+GII detection kit

CerTest
BIOTEC



Pathogen and product description

Noroviruses are the leading cause of epidemic gastroenteritis, including foodborne outbreaks, in the United States.

The symptoms of Norovirus related diseases are those typical of gastroenteritis, that is vomiting, watery diarrhea and abdominal cramps. Vomiting is a characteristic symptom in the majority of Norovirus infections (64% of adults and 81% of children). Other symptoms such as general malaise, low grade fever, nausea and fatigue are also present in over 90% of cases. The incubation period of the disease is generally between 12 and 48 hours, while infection lasts between 12 and 60 hours. Infection may also be asymptomatic, and thus contribute to the spread of

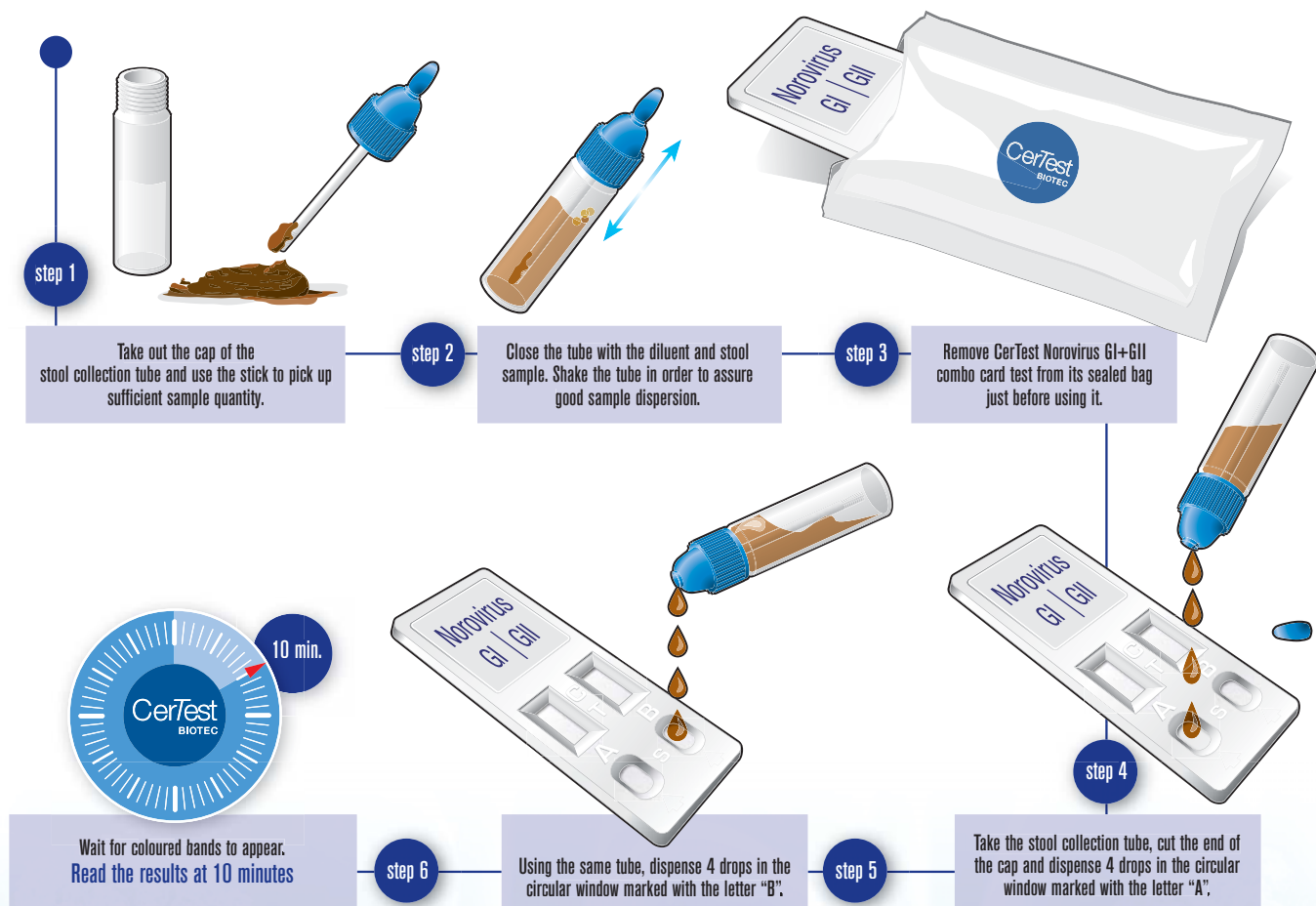
the virus in the community. As a rule, the disease does not have serious consequences, and most patients recover within 1-2 days without complications. Debilitated patients and persons with weaker immune systems such as children, elderly or chronic patients may be affected by more serious forms of the disease. Specially, dehydration may represent a serious complication for children, the elderly and persons with a precarious metabolic balance or cardio circulatory instability.

CerTest Norovirus GI+GII one step combo card test is a coloured chromatographic immunoassay for the simultaneous qualitative detection of Norovirus genogroup I and II (GI and GII) in stool samples.

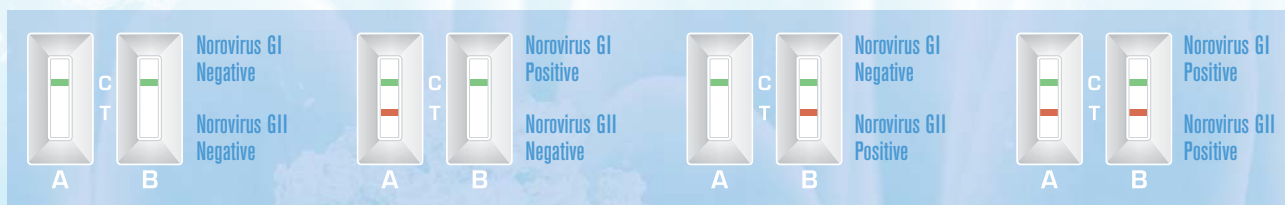


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Test procedure



Interpretation of the results



ANY OTHER RESULT: INVALID

Clinical Sensitivity and Specificity

	Sensitivity	Specificity	PPV	NPV
CerTest Norovirus GI+GII vs. Simple Norovirus	>99%	>99%	>99%	>99%



CERTEST BIOTEC, S.L.
 Pol. Industrial Río Gállego II, Calle J, Nº 1,
 50840, San Mateo de Gállego, Zaragoza (Spain)
www.certest.es

