

Norovirus GI/GII

Test Code: H65008

Clinical and Procedure

Clinical Utility

This assay is only available as part of a panel and cannot be ordered individually.

Norovirus affects people of all ages and accounts for approximately 40 percent of nonbacterial outbreaks of diarrhea in the U.S. ^{1,2} While infection with nontyphoidal *Salmonella* was the leading cause of hospitalization due to contaminated food in the US, Norovirus was second. ³ Noroviruses are positive strand non-enveloped RNA viruses belonging to the family Calciviridae. Norovirus infection causes nausea, vomiting, watery non-bloody diarrhea, and abdominal pain. Occasionally a low grade fever also occurs. Norovirus disease is usually self-limiting and rarely causes severe illness. While infections can occur year-round, Norovirus outbreaks tend to peak in cold weather. ^{4,5}

References

1. Navaneetham U, Giannella RA. Mechanisms of infectious diarrhea. *Nat Clin Pract Gastroenterol Hepatol*. 2008 Nov;5(11):637-47.
2. Glass RI, Parashar UD, Estes MK. Norovirus gastroenteritis. *N Engl J Med* . 2009 Oct 29;361(18):1776-85.361(18):1776-1785.
3. Scallan E, Hoekstra RM, Angula FJ, et al. Foodborne illness acquired in the United States--major pathogens. *Emerg Infect Dis* . 2011 Jan;17(1):7-15.
4. Dennehy PH. Viral gastroenteritis in children. *Pediatr Infect Dis J* . 2011 Jan;30(1):63-4.
5. Glass RI, Parashar UD, Estes MK. Norovirus gastroenteritis. *N Engl J Med* . 2009 Oct 29;361(18):1776-85.

Procedure

Disclaimer

Specimens are approved for testing in New York only when indicated in the Specimen Information field above.

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