Virus, bacteria and/or parasites can cause gastroenteritis, an inflammation of the gastrointestinal tract involving both the stomach and the small intestine. Gastrointestinal infections are self-limited and resolve within a few days.

However, in a healthcare setting and in specific populations (newborns/infants, immunocompromized patients or elderly populations), they are potentially serious. Rapid diagnosis, appropriate treatment and infection control measures are therefore particularly important in these contexts.

**VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit** is designed for the diagnosis of Salmonella, Campylobacter and/or Shigella/EIEC; Aeromonas and/or Y. enterocolitica; EHEC, STEC, EPEC and/or EIEC/Shigella; ETEC and/or EIEC/Shigella; C. difficile; Toxin B; Cryptosporidium, G. lamblia and/or E. histolytica; and/or B. hominis and/or D. fragilis in human stool samples. After DNA isolation, the identification of Salmonella, Campylobacter and/or Shigella/EIEC; Aeromonas and/or Y. enterocolitica; EHEC, STEC, EPEC and/or EIEC/Shigella; ETEC and/or EIEC/Shigella; C. difficile; Toxin B; Cryptosporidium, G. lamblia and/or E. histolytica; and/or B. hominis and/or D. fragilis is performed by the amplification of a conserved region of the specific genes using specific primers and fluorescent–labelled probes.

More info through www.certest.es
VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit

*VIASURE Gastrointestinal Panel II* is designed for the identification and differentiation of multiple pathogens in clinical samples:

- Salmonella, Campylobacter & Shigella/EIEC
- Aeromonas spp. + Yersinia enterocolitica
- E. coli typing (2 tubes)
- Clostridium difficile
- Clostridium difficile toxB
- Cryptosporidium, Giardia & E. histolytica
- Blastocystis hominis + Dientamoeba fragilis

**Analytical sensitivity**

*VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit* has a detection limit of ≥10 DNA copies per reaction for Salmonella, Campylobacter and/or Shigella/EIEC; Aeromonas and/or Yersinia enterocolitica; stx1, stx2, eae, IpaH, It and st genes; Clostridium difficile; Giardia lamblia and/or Entamoeba histolytica; and/or Blastocystis hominis and/or Dientamoeba fragilis.

*VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit* has a detection limit of ≥50 DNA copies per reaction for Cryptosporidium and for Clostridium difficile Toxin B.

**References:**

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<th>Product Description</th>
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<tr>
<td>VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit 12 x 8-well strips, low profile</td>
<td>VS-GP0212L</td>
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<tr>
<td>VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit 96-well plate, low profile</td>
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<td>VIASURE Gastrointestinal Panel II Real Time PCR Detection Kit 96-well plate, high profile</td>
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For more information and use procedure, read the instructions for use included in this product.