

VIASURE PANEL

Gastrointestinal Panel I Real Time PCR Detection Kit

Pathogen and product description

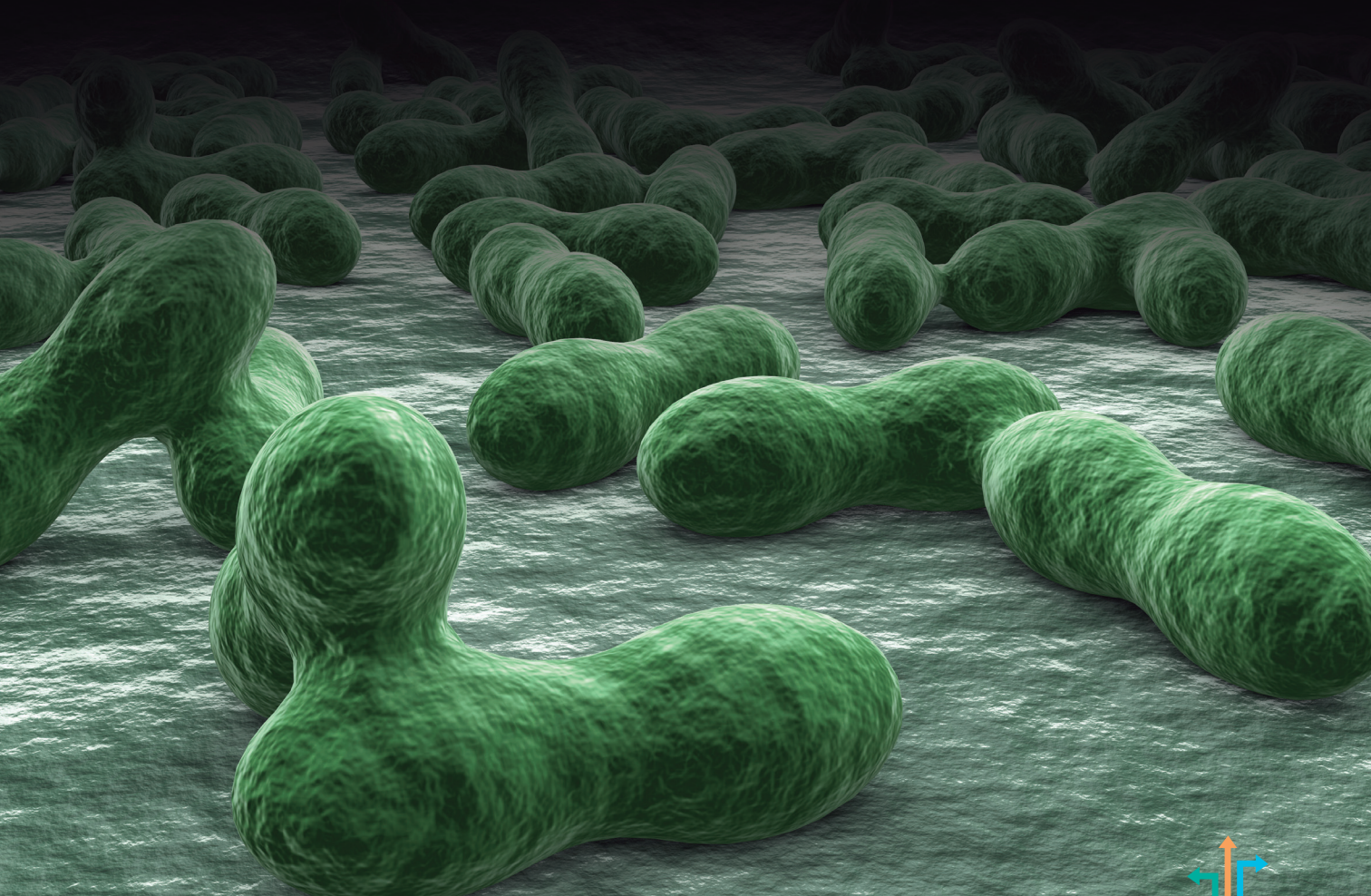
VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit is designed for the specific identification and differentiation of *Salmonella*, *Campylobacter* and/or *Yersinia enterocolitica*; *Shigella/EIEC*; *Cryptosporidium*, *Giardia lamblia* and/or *Entamoeba histolytica*; Norovirus GI and/or Norovirus GII (NoV); Rotavirus (RV); Adenovirus (AdV); Astrovirus (AstV); and/or Sapovirus (SaV) in human stool samples from patients with signs and symptoms of gastrointestinal infection.

This test is intended for use as an aid in the diagnosis of *Salmonella*, *Campylobacter* and/or *Y. enterocolitica*; *Shigella/EIEC*; *Cryptosporidium*, *G. lamblia* and/or *E.*

histolytica; NoV GI and/or NoV GII; RV; AdV; AstV; and/or SaV infection in combination with clinical and epidemiological risk factors.

RNA/DNA are extracted from stool specimens, multiplied using Real Time amplification and detected using specific primers and a fluorescent reporter dye probe for *Salmonella*, *Campylobacter* and *Y. enterocolitica*; *Shigella/EIEC*; *Cryptosporidium*, *G. lamblia* and *E. histolytica*; NoV GI and/or NoV GII; RV; AdV; AstV; and SaV

More info through www.certest.es



Analytical sensitivity

VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit has a detection limit of ≥ 10 DNA/RNA copies per reaction for *Salmonella*, *Campylobacter* and *Yersinia enterocolitica*; *Shigella/EIEC*; *Giardia lamblia* and *Entamoeba histolytica*; Norovirus GI and Norovirus GII; Rotavirus; Adenovirus; Astrovirus; and Sapovirus.

VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit has a detection limit of ≥ 50 DNA copies per reaction for *Cryptosporidium*.

Components

Reference	Reagent/Material	Description	Colour	Quantity
VS-GP01SL/ VS-GP01SH	Gastrointestinal Panel I 8-well strips (Hyperplex reaction)	A mix of enzymes, primers-probes, buffer, dNTPs, stabilizers and Internal control in stabilized format	White	6/12 x 8-well strip
VS-RB02	Rehydration Buffer	Solution to reconstitute the stabilized product	Blue	1 vial x 1,8 mL
VS-GP01C	Gastrointestinal Panel I Positive Control	Non-infectious synthetic lyophilized cDNA/DNA	Red	1 vial
VS-NC1	Negative Control	Non template control	Violet	1 vial x 1 mL
VS-H2O	Water RNase/DNase free	RNase/DNase free water	White	1 vial x 1 mL
VS-OCS	Tear-off 8-cap strips	Optical caps for sealing wells during thermal cycling	Transparent	6/12 x 8-cap strip

Kit References

Reference	Description
VS-GP0112L	VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit 12 x 8-well strips, low profile
VS-GP0112H	VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit 12 x 8-well strips, high profile
VS-GP0113L	VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit 96-well plate, low profile
VS-GP0113H	VIASURE Gastrointestinal Panel I Real Time PCR Detection Kit 96-well plate, high profile

Work Flow

