

Patient Name : Demo Patient Name
Age / Sex : 29 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 04-Jan-25 11:25
Patient ID : UHID.DEMO.001

BioFire Stool GI Panel

Accession No: DEMO_BARCODE **Collected On:** 04-Jan-25 11:25 **Received On:** 04-Jan-25 16:47 **Approved On:** 04-Jan-25 20:29

Observation	Result	Unit	Biological Ref. Interval	Method
<u>Bacteria.</u>				
Campylobacter (C. jejuni / C. coli / C. upsaliensis)	Not Detected			Nested real-time polymerase chain reaction (PCR)
Clostridioides (Clostridium) difficile (toxin A/B)	Not Detected			Nested real-time polymerase chain reaction (PCR)
Plesiomonas shigelloides	Not Detected			Nested real-time polymerase chain reaction (PCR)
Salmonella	Not Detected			Nested real-time polymerase chain reaction (PCR)
Yersinia enterocolitica	Not Detected			Nested real-time polymerase chain reaction (PCR)
Vibrio (V. parahaemolyticus / V. vulnificus / V. cholerae)	Not Detected			Nested real-time polymerase chain reaction (PCR)
Vibrio cholerae	Not Detected			Nested real-time polymerase chain reaction (PCR)
<u>Diarrheagenic E. coli/Shigella</u>				
Enteraggregative E. coli (EAEC)	Not Detected			Nested real-time polymerase chain reaction (PCR)
Enteropathogenic E. coli (EPEC)	Detected			Nested real-time polymerase chain reaction (PCR)
Enterotoxigenic E. coli (ETEC) It/st	Not Detected			Nested real-time polymerase chain reaction (PCR)
Shiga-like toxin-producing E. coli (STEC) stx1/stx2	Not Detected			Nested real-time polymerase chain reaction (PCR)
E. coli O157	Not Detected			Nested real-time polymerase chain reaction (PCR)
Shigella/Enteroinvasive E. coli (EIEC)	Not Detected			Nested real-time polymerase chain reaction (PCR)
<u>Parasites</u>				
Cryptosporidium	Not Detected			Nested real-time polymerase chain reaction (PCR)
Cyclospora cayetanensis	Not Detected			Nested real-time polymerase chain reaction (PCR)
Entamoeba histolytica	Not Detected			Nested real-time polymerase chain reaction (PCR)
Giardia lamblia	Not Detected			Nested real-time polymerase chain reaction (PCR)
<u>Viruses</u>				
Adenovirus F40/41	Not Detected			Nested real-time polymerase chain reaction (PCR)
Astrovirus	Not Detected			Nested real-time polymerase chain reaction (PCR)
Norovirus GI/GII	Detected			Nested real-time polymerase chain reaction (PCR)
Rotavirus A	Not Detected			Nested real-time polymerase chain reaction (PCR)
Sapovirus I II IV and V	Not Detected			Nested real-time polymerase chain reaction (PCR)



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Interpretation:

Result	Remarks
Detected	Indicates organisms detected & identified as likely causing signs & symptoms of gastrointestinal disease. Co-infection by more than one organism is not uncommon.
Not Detected	Indicates that the organisms tested were not detected & the signs & symptoms may be caused by a condition other than an infection or a pathogen that was not tested for. Also a negative result does not rule out the presence of PCR inhibitors in the specimen or nucleic acid of pathogens maybe in concentrations below the level of detection by this assay or organisms are not included in this panel.

Notes: This assay is a highly specialized test capable of rapidly detecting 22 different kinds of bacteria, viruses, & parasites responsible for causing disease in the GI tract directly from the stool specimen. It has a high sensitivity of 98.5% & specificity of 99.3%. It is FDA approved multiplex film array that works in a closed system by isolating, amplifying & detecting nucleic acid target genes found in 22 organisms listed. It helps the physician to diagnose the cause of abdominal symptoms, most commonly diarrhea, more accurately & efficiently than traditional

1. Results of the Biofire GI panel are intended to aid in the diagnosis of Gastrointestinal infections & are meant to be used in conjunction with other tests & clinical findings.
2. This assay is not intended to monitor the efficacy of treatment, serotyping, genotyping & speciation of organism included in the panel.

Remarks: Please correlate results clinically.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.



There may be an additional PDF attachment in this report which has been redacted for privacy.
Please contact info@hod.care, if you would like to make a booking for this test.