



GI Microbiome Testing

The US BioTek Stool Microbiome Profiles provide comprehensive and precise testing options to assess the health of a patient's gut microbiome. Our use of state-of-the-art technology ensures industry-leading reporting precision and result accuracy.

Categories Tested

- Macroscopy
- Short-Chain Fatty Acids
- Gut Functional Markers
- Key Phyla % Commensal Abund
- Parasites And Worms
- Opportunistic Bacteria
- Pot. Autoimmune Triggers
- Fungi & Yeast
- Bacterial Pathogens
- Viral Pathogens
- Normal Bacteria/Flora
- Microbial Culture Alongside- Pcr (Dual Method)
- Antimicrobial Sensitivities

The US BioTek GI Difference

TEST ACCURACY

PCR testing and the use of state-of-the-art technology ensure the precision of our results with increased testing sensitivity.

COMPREHENSIVE MARKERS

Panels with up 99 markers from 13 testing categories.

TURN AROUND TIME

Results are guaranteed in 10 business days

Stool Microbiome Profiles

GI- Basic Profile

INCLUDES THE MARKERS LISTED BELOW

KEY PHYLA % Commensal abund

- Bacteroidetes
- Firmicutes
- Firm/Bact Ratio
- Proteobacteria
- Actinobacteria
- Verrucomicrobia
- Euryarchaeota

OPPORTUNISTIC BACTERIA

- Bacillus sp.
- Enterococcus faecalis
- Enterococcus faecium
- Morganella sp.
- Pseudomonas sp.
- Pseud. aeruginosa
- Staphylococcus sp.
- Staph. aureus
- Streptococcus sp.
- Methanobacteriaceae
- Desulfovibrio piger
- Oxalobacter formigenes

POT. AUTOIMMUNE TRIGGERS

- Citrobacter sp.
- Citrobacter freundii
- Klebsiella sp.
- Klebsiella pneumoniae
- Prevotella copri
- Proteus sp.
- Proteus mirabilis
- Fusobacterium sp.

BACTERIAL PATHOGENS

- Aeromonas sp.
- Campylobacter sp.
- C. difficile, Toxin A
- C. difficile, Toxin B
- Enterohaemorrhagic E. coli
- Enteroinvasive E. coli/Shigella
- Enterotoxigenic E. coli LT/ST
- Shiga-like toxin E. coli stx 1
- Shiga-like toxin E. coli stx 2
- Salmonella sp.
- Vibrio spp

- Yersinia enterocolitica
- Helicobacter pylori PCR & EIA
- H. pylori virulence factors (x8)
- Follow Up Option

VIRAL PATHOGENS

- Adenovirus 40/41
- Norovirus GI/II
- Rotavirus
- Sapovirus (I,II,IV,V)
- Astrovirus (hAstro)
- Follow Up Option

PARASITES AND WORMS

- Cryptosporidium
- Ent. Histolytica
- Giardia Intestinalis
- Blast. hominis
- Dient. Fragilis
- Endolimax nana
- Ent. Coli
- Pent. Hominis
- Ascaris lumbricoides, round

- Necator americanus, hook
- Trichuris trichuria, round
- Taenia species, tape
- Enterob. Vermicularis
- Strongyloides stercoralis
- Enterocytozoon spp
- Hymenolepis spp
- Follow Up Option

FUNGI & YEAST

- Candida sp.
- Candida albicans
- Geotrichum sp.
- Saccharomyces cerevisiae.
- Rhodotorula sp.

GI- Standard Profile

INCLUDES ALL MARKERS LISTED IN THE BASIC PROFILE WITH THE ADDITION OF THE BELOW MARKERS.

MACROSCOPY

- Stool Colour
- Stool Form
- Mucous
- Occult Blood

SHORT CHAIN FATTY ACIDS

- Butyrate
- Acetate
- Propionate
- Valerate

GIT FUNCTIONAL MARKERS

- Calprotectin
- Pancreatic Elastase
- Secretory IgA
- Zonulin

- b-Glucuronidase
- Steatocrit
- Gliadin IgA

GI- Advanced Profile

INCLUDES ALL MARKERS LISTED IN THE STANDARD PROFILE WITH THE ADDITION OF THE BELOW MARKERS.

MICROBIAL CULTURE ALONG-SIDE-PCR (DUAL METHOD)

- Bacteria
- Yeasts

ANTIMICROBIAL SENSITIVITIES

- Antibiotics
- Natural
- Antifungals
- Natural Antifungals