GutBaseline

MARKERS LIST

A focused starting point for assessing the gut microbiome, pathogens, digestive function, intestinal inflammation and permeability, immune activity, and microbial metabolites. Targeted pathogen retesting is available when clinically appropriate.

GUT COMMENSALS

GUT MICROBIOME

- *Acinetobacter*
- *Alistipes*
- *Atopobium*
- *Atopobium parvulum*
- *Bacteroides*
- *Bacteroides caccae*
- *Bacteroides vulgatus*
- *Bifidobacterium*
- *Bifidobacterium adolescentis*
- *Bifidobacterium animalis*
- *Bifidobacterium animalis subspecies lactis*
- Bifidobacterium *catenulatum*
- *Bifidobacterium dentium*
- *Blautia*
- *Butyrivibrio*
- *Clostridia cluster XIVa*
- *Clostridium*
- *Clostridium hathewayi*
- *Clostridium ramosum*
- *Collinsella*
- *Coprococcus*
- *Desulfovibrio*
- *Desulfovibrio piger*
- *Dorea*
- *Enterobacter aerogenes*
- *Enterococcus*
- *Enterococcus gallinarum*
- *Escherichia coli*
- *Eubacterium rectale*
- *Faecalibacterium prausnitzii*
- *Fusobacterium*
- *Holdemania*
- *Lachnospiraceae*
- *Lactobacillaceae*
- *Lactobacillus*
- *Lactobacillus ruminis*
- *Lactobacillus sakei*
- *Lactococcus*
- *Leuconostoc*
- *Methanobrevibacter smithii*
- *Parabacteroides*
- *Peptostreptococcus*
- *Phascolarctobacterium*
- *Prevotella*
- *Prevotella copri*
- *Proteus mirabilis*
- *Pseudobutyrivibrio*
- *Pseudomonas*
- *Roseburia*
- *Roseburia intestinalis*
- *Ruminococcus bromii*
- *Ruminococcus obeum*
- *Staphylococcus species*
- *Tyzzerella*
- *Veillonella*

PROBIOTIC ORGANISMS

- *Akkermansia muciniphila*
- *Bacillus coagulans*
- *Bacillus subtilis*
- *Bifidobacterium bifidum*
- *Bifidobacterium breve*
- *Bifidobacterium infantis*
- *Bifidobacterium longum*
- *Lactobacillus acidophilus*
- *Lactobacillus bulgaricus*
- *Lactobacillus casei*
- *Lactobacillus fermentum*
- *Lactobacillus paracasei*
- *Lactobacillus plantarum*
- *Lactobacillus reuteri*
- *Lactobacillus rhamnosus*
- *Lactobacillus rhamnosus GG*
- *Lactobacillus salivarius*
- *Saccharomyces boulardii*
- *Streptococcus*
- *Streptococcus thermophilus*

GUT PATHOGENS

BACTERIA

- *Campylobacter coli*
- *Campylobacter jejuni*
- *Campylobacter* spp.
- *Campylobacter upsaliensis*
- *Clostridium difficile*
- *Clostridium difficile* Toxin A
- *Clostridium difficile* Toxin B
- *E. coli* O157
- Enteroaggregative *E. coli* (EAEC)
- Enteropathogenic *E. coli* (EPEC)
- Enterotoxigenic *E. coli* (ETEC) LT/ST
- *Helicobacter pylori*
- *Klebsiella pneumoniae*
- *Plesiomonas shigelloides*
- *Salmonella*
- Shiga-like toxin-producing *E. coli* (STEC) Stx1/Stx2
- *Shigella*/EIEC
- *Staphylococcus aureus*
- *Vibrio cholerae*
- *Yersinia enterocolitica*

PROTOZOANS

- *Chilomastix mesnili*
- *Cryptosporidium*
- *Cyclospora cayetanensis*
- *Cyclospora spp.*
- *Entamoeba histolytica*
- *Giardia lamblia*

HELMINTHS

- *Ancylostoma duodenale*
- *Ascaris lumbricoides*
- *Diphyllobothrium latum*
- *Dipylidium caninum*
- *Enterobius vermicularis*
- *Fasciola/Fasciolopsis*
- *Hymenolepis*
- *Necator americanus*
- *Strongyloides stercoralis*
- *Trichuris trichiura*

FUNGI

- *Candida albicans*
- *Candida glabrata*
- *Candida spp.*
- *Geotrichum spp.*
- *Microsporidium spp.*
- *Rodotorula spp.*

VIRUSES

- Adenovirus F40/41
- Astrovirus
- Cytomegalovirus
- Epstein Barr Virus
- Norovirus GI Virus
- Norovirus GII Virus
- Rotavirus A
- Sapovirus I
- Sapovirus II
- Sapovirus IV
- Sapovirus V

MARKERS CONTINUED ON NEXT PAGE

GUT METABOLITES

BILE ACID METABOLITES

- Cholic Acid (CA)
- Chenodeoxycholic Acid (CDCA)
- Deoxycholic Acid (DCA)
- Lithocholic Acid (LCA)
- LCA/DCA Ratio

SHORT CHAIN FATTY ACIDS

- Acetate
- Butyrate
- Propionate
- Valerate
- Total SCFA

ESTROGEN METABOLISM

- ß-glucuronidase

GUT PHYLA

- Proteobacteria
- Actinobacteria
- Fusobacteria
- Bacteroidetes
- Firmicutes
- Euryarchaeota
- Verrucomicrobia

GUT DIVERSITY

- Shannon's Diversity Index
- Simpson's Diversity Index
- Firmicutes/Bacteroidetes (F/B)
- Prevotella/Bacteroides (P/B)

GUT INFLAMMATION

- Calprotectin
- Fecal Eosinophil Protein X
- Fecal lactoferrin
- Fecal Immunochemical Test (FIT)

ANTIBIOTIC RESISTANCE GENES

- Helicobacter - Clarithromycin
- Helicobacter - Fluoroquinolones
- Fluoroquinolones
- Vancomycin
- b-lactamase
- Macrolides
- Bactrim

DIGESTION AND MALABSORPTION

DIGESTION

- Pancreatic Elastase 1

FAT MALABSORPTION

- Total Fecal Fat
- Total Fecal Triglycerides
- Long Chain Fatty Acids
- Total Cholesterol
- Total Phospholipids

GUT PERMEABILITY AND ANTIBODIES

GUT PERMEABILITY

- Fecal Zonulin

MUCOSAL IMMUNITY

- Secretory IgA

GUT ANTIBODIES

- Lipopolysaccharide Antibody (IgG+IgA)
- Anti-Saccharomyces Cerevisiae Antibody (IgG+IgA)
- Tissue Transglutaminase (IgG+IgA)
- Deamidated Gliadin Peptide (IgG+IgA)
- Fecal Anti Gliadin (IgG+IgA)
- Actin Antibody (IgG+IgA)

Scan the QR code or click here for New York-approved markers.