

Analyte List

COMPREHENSIVE STOOL ANALYSIS

Bacterial Culture

- 73 possible species of imbalanced and dysbiotic bacteria
- 4 species of beneficial bacteria

Yeast (Mycology) Culture

- 48 possible yeast and fungal species
- Yeast

GI Pathogens – Multiplex PCR

Viruses:

- Adenovirus F40/41
- Norovirus GI/GII
- Rotavirus A

Pathogenic Bacteria:

- Campylobacter (*C. jejuni*, *C. coli* and *C. lari*)
- Clostridioides difficile (Toxin A/B)
- Escherichia coli O157
- Enterotoxigenic Escherichia coli (ETEC) lt/st
- Salmonella spp.
- Shiga-like toxin-producing Escherichia coli (STEC) stx1/stx2
- Shigella (*S. boydii*, *S. sonnei*, *S. flexneri* & *S. dysenteriae*)
- Vibrio cholerae

Parasitology (Microscopy)

Parasites:

- Cryptosporidium (*C. parvum* and *C. hominis*)
- Entamoeba histolytica
- Giardia duodenalis (intestinalis & lamblia)

Protozoa:

- Balantidium coli
- Blastocystis spp.
- Chilomastix mesnili
- Dientamoeba fragilis
- Endolimax nana
- Entamoeba coli
- Entamoeba hartmanni

- Entamoeba polecki
- Enteromonas hominis
- Giardia duodenalis
- Iodamoeba bütschlii
- Isospora belli
- Pentatrichomonas hominis
- Retortamonas intestinalis

Nematodes – Roundworms:

- Ascaris lumbricoides
- Capillaria hepatica
- Capillaria philippinensis
- Enterobius vermicularis
- Strongyloides stercoralis
- Trichuris trichiura
- Hookworm

Cestodes – Tapeworms:

- Diphyllbothrium latum
- Dipylidium caninum
- Hymenolepis diminuta
- Hymenolepis nana
- Taenia

Trematodes - Flukes:

- Clonorchis sinensis
- Fasciola hepatica/Fasciolopsis buski
- Heterophyes heterophyes
- Paragonimus westermani

Other Markers

- Yeast
- RBC
- WBC
- Muscle fibers
- Vegetable fibers
- Charcot-Leyden Crystals
- Pollen

Macroscopic Appearance

- Mucus



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Stool Chemistries

Digestion / Absorption:

- Elastase
- Fat Stain
- Carbohydrates

Inflammation:

- Lactoferrin
- Calprotectin
- Lysozyme

Immunology

- Secretory IgA

Short Chain Fatty Acids

- % Acetate
- % Propionate
- % Butyrate
- % Valerate
- Butyrate
- Total SCFA's

Intestinal Health Markers

- pH
- Occult Blood

Macroscopic Appearance

- Color
- Consistency

Bacterial Susceptibilities

Natural Antibacterials:

- Berberine
- Black Walnut
- Caprylic Acid
- Uva Ursi
- Oregano
- Grapefruit Seed Extract
- Silver

Prescriptive Agents

- Amoxicillin-Clavulanic Acid
- Ampicillin
- Cefazolin
- Ceftazidime
- Ciprofloxacin
- Sulfamethoxazole / Trimethoprim

Yeast Susceptibilities

Natural Antibacterials:

- Berberine
- Caprylic Acid
- Uva Ursi
- Plant Tannins
- Oregano
- Undecylenic Acid
- Grapefruit Seed Extract

Non-Absorbed Antifungals

- Nystatin

Prescriptive Agents

- Fluconazole
- Itraconazole
- Ketoconazole

