



BASIC MICROBIOME MAPPING - Test Code 2207



Turnaround Time: 7-10 business days



Specimen Type: Stool Kit

Description

The Basic Microbiome Mapping panel provides a comprehensive analysis of the gut microbiota including parasites, worms, opportunistic bacteria, fungi/yeast, bacterial pathogens, viral pathogens, and beneficial bacteria. This advanced testing method offers clinicians valuable insights into the patient's gut ecosystem, supporting the diagnosis and management of gastrointestinal disorders and systemic conditions linked to gut health (Sezgin et al., 2022).

The panel utilises cutting-edge PCR technology to detect a broad range of microbial targets with high sensitivity and specificity (Sezgin et al., 2022). This approach enables the identification of both pathogenic and commensal organisms, providing a detailed profile of microbial balance and its potential role in health and disease (Sezgin et al., 2022). Disruptions in the gut microbiome, such as an overgrowth of opportunistic bacteria or the presence of harmful pathogens, have been associated with conditions ranging from irritable bowel syndrome (IBS) to autoimmune conditions and metabolic disorders.

This panel is ideal for individuals seeking a detailed analysis of gut microorganisms. Using sensitive and specific PCR technology, it provides valuable insights to guide targeted antimicrobial therapies.

Whats included?

- Parasites/Worms
- Opportunistic Bacteria
- Bacterial Pathogens
- Beneficial Bacteria
- Fungi/Yeast
- Viral Pathogens

Conditions and Symptoms

- Flatulence
- Bloating
- Diarrhoea
- Constipation
- Irritable Bowel Syndrome (IBS)
- Inflammatory Bowel Disease (IBD)
- Gut-brain axis dysfunction

Complementary Testing

- GIT Breath Test SIBO Lactulose (Test code 2025)
- IgG 96 General Western Foods (Test code 3206)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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*See NATA and CLIA website for further details