



ADVANCED MICROBIOME MAPPING - Test Code 2211



Turnaround Time: 7-10 business days



Specimen Type: Stool Kit

Description

The Microbiome Mapping panels includes a broad range of microbial and gastrointestinal targets. This wide-ranging analysis provides clinicians with a detailed profile of a patient's gut microbiota, which can be critical in managing and treating various health issues, from gastrointestinal disorders to systemic conditions influenced by gut health (Sezgin et al., 2022). Advancements in PCR technology and global research efforts have transformed microbiology and gut health testing, deepening our understanding of the complex relationship between the microorganisms in the gastrointestinal (GI) tract and human health (Sezgin et al., 2022). This knowledge highlights both the beneficial roles these microbes play and their potential to increase disease risk when imbalances occur.

What distinguishes the Advanced Microbiome Mapping from other PCR-based tests is its integration of sensitivity testing through culture. This step involves isolating microbial strains and testing their sensitivity to various treatments (Kandavalli et al., 2022). Targeted sensitivity testing enables clinicians to determine the most effective treatment strategy, reducing reliance on broad-spectrum antibiotics, which can contribute to antibiotic resistance (Kandavalli et al., 2022). This personalised approach enhances treatment outcomes by allowing tailored interventions, ensuring that therapies are both effective and specific to the client (Kandavalli et al., 2022).

Whats included?

- Parasites/Worms, Fungi/Yeast
- Opportunistic Bacteria, Beneficial Bacteria
- Bacterial Pathogens, Viral Pathogens
- Faecal Occult Blood, Calprotectin
- Pancreatic Elastase
- Secretory IgA, Zonulin
- Beta-glucuronidase
- Short Chain Fatty Acids
- PLUS Microbial Sensitivities (via culture)

Conditions and Symptoms

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

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*



info@nutripath.com.au



1300 688 522



www.nutripath.com.au

For more information
scan the QR code



*See NATA and CLIA website for further details