



## 4-PILLAR GUT PROFILE - Test Code 2208



Turnaround Time: 14 business days



Specimen Type:  
Multi Kit Pack

### Description

The 4-Pillar Gut Profile is designed to offer a comprehensive analysis of the gut microbiome using four essential panels. This structured approach provided a thorough assessment for identifying underlying gastrointestinal issues.

#### Pillar 1: Complete Microbiome Mapping

This test utilises quantitative PCR (qPCR) technology to screen for a wide array of microorganisms, including bacteria, viruses, fungi, parasites, and worms (Sezgin et al., 2022). This panel also includes a broad range of gastrointestinal functional markers for a more in-depth assessment.

#### Pillar 2: IgG96 Food Sensitivity Testing

This panel is particularly useful for individuals who suspect food sensitivities may be causing symptoms but are unable to identify which ones. The presence of IgG antibodies in the bloodstream suggests an immune response to specific foods and can help identify offending foods (Vita et al., 2022).

#### Pillar 3: Intestinal Permeability

Commonly referred to as a "leaky gut" assessment, this test evaluates the gut lining's integrity. It helps determine nutrient absorption issues related to an imbalanced microbiome or food intolerances (Di Vincenzo et al., 2024).

#### Pillar 4: SIBO Lactulose Breath Test

This breath test assesses Small Intestinal Bacterial Overgrowth (SIBO) by measuring the gases (hydrogen and methane) produced when bacteria in the small intestine ferment lactulose. These gases can indicate bacterial overgrowth, which may cause symptoms like bloating, gas, and digestive discomfort (Rezaie et al., 2017).

### Whats included?

- Complete Microbiome Mapping (Test code 2206)
- IgG 96 General Western Foods (Test code 3206)
- Intestinal Permeability (Test code 2011)
- SIBO Breath Test- Lactulose (Test code 2025)

\*Scan the QR code for more details

### Conditions and Symptoms

- Digestive symptoms
- Flatulence
- Bloating
- Abdominal pain
- Diarrhoea
- Constipation

### Complementary Testing

- Cytokine Panel (Test code 4004)
- Advanced Neurotransmitter Profile (Test code 4036)

### 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

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\*See NATA and CLIA website for further details