NutriPATH PATHOLOGY | GI Basic Microbiome

Test Code: 2207

110	9	5	PCR / qPCR
Markers	Categories	Business Days	Technology

NutriPATH's entry-level PCR-based GI Microbiome Profile, a fast, sensitive first-line screen of beneficial flora, opportunistic overgrowth, parasites and pathogens.

What Is The Test?

Understanding the composition of the gut microbiome provides valuable insight into gastrointestinal health, microbial dysbiosis and functional changes that may be relevant to a patient's clinical picture. GI Basic is NutriPATH's entry-level test in the GI Profile Series, using real-time PCR technology to give an in-depth look at a patient's beneficial and opportunistic gut flora, along with screening for parasites that can drive dysbiosis.

A practitioner might recommend this test for patients:

- Suspected intestinal inflammation (elevated Calprotectin)
- Intestinal permeability / "leaky gut" concerns (Zonulin)
- Pancreatic insufficiency or malabsorption
- Coeliac / gluten sensitivity screening (a-Transglutaminase IgA)
- Patients wanting a functional + microbial picture in one test

What's Included

Microbiome Profile

Key Phyla & Normal Flora

Assess the balance of beneficial commensal bacteria against a healthy reference range.

- Key Phyla % Commensal Abundance
- Normal Bacterial Gut Flora
- Relative Commensal Abundance overview

Parasitology

Parasites, Worms & Autoimmune Triggers

Screen for protozoal parasites, helminths and species linked to autoimmune triggering.

- Parasitic Organisms
- Helminths / Worms
- Potential Autoimmune Triggers

Pathogen Panel

Pathogens, Opportunists & Fungi

Identify opportunistic overgrowth, pathogenic bacteria, viruses and yeast.

- Opportunistic Bacteria
- Bacterial Pathogens incl. H. pylori
- Viral Pathogens

Technology Used

PCR & qPCR:
Detects microbial DNA to identify parasites, worms, bacteria and fungi.

Macroscopy:
Visual stool exam assessing colour, form, mucous and occult blood.

Technical Specifications

SPECIMEN TYPE: Stool sample

SAMPLE REQUIREMENTS: 1x plain vial (~100mg), 1x Cary-Blair preserved specimen, 1x BD ESwab preserved specimen

SPECIMEN STABILITY: 13 days

TURNAROUND TIME: 5 business days

TECHNOLOGY: PCR & qPCR + Stool Macroscopy

MARKERS: 110 markers across 9 GI testing categories

LABORATORY ACCREDITATION: NATA (ISO 15189) & CLIA licensed

DETECTION RATE: 99.99% (PCR technology)

RESULTS ACCESS: NutriPATH Clinician Portal or email

Order & View Full Marker List

This profile screens 125+ markers across 12 GI testing categories, covering everything in GI Basic plus short chain fatty acids and GIT functional markers. ***Scan the QR code or visit nutripath.com.au for the full marker list.***