

200+

Markers

14

Categories

7-10

Business Days

28,000+

Species DB

A comprehensive stool test that maps your full gut ecosystem, comparing the microbes living in your gut against a database of more than 28,000 species.

Who Should Order This Test?

GutIQ brings multiple testing technologies together in a single report, giving an expansive profile of your gut that not only identifies the microbes and markers present, but also quantifies them and provides guidance to help direct your next steps.

A practitioner might recommend this test for patients:

- Abdominal pain
- Bloating, gas and distention
- Constipation and diarrhoea
- Food intolerances
- IBS/IBD
- Metabolic disorders
- Malnutrition / malabsorption / maldigestion
- Overlapping symptoms across multiple body systems
- Patients wanting to understand their gut microbiome health

What's Included

Diversity & Flora

Microbiome Diversity & Beneficial Bacteria

Looks at the range of microbes in your gut and the balance of helpful bacteria.

- Multiple technologies combined for a full view of the whole gut ecosystem
- Screening 28,000+ microbes allows you to detect commonly known microbes

Risk & Function

Gut Health & Wellbeing Markers

Patterns in your gut microbes that research has linked to longer-term health conditions.

- Bowel cancer risk markers
- Type 2 diabetes risk markers
- Fatty liver risk markers
- Short chain fatty acids and fat processing

Resistance Panel

Antibiotic Resistance

Checks for genes that can make certain antibiotics less effective, helping guide treatment.

- Genes that reduce antibiotic effectiveness
- H. pylori (a stomach bacterium) resistance genes
- Markers linked to more harmful H. pylori strains

Technology Used

Metagenomic Sequencing (mNGS)

Reads the DNA of the microbes in your sample to identify them against a database of 28,000+ species.

PCR & qPCR:

Detects the DNA of specific microbes, including parasites, worms, bacteria and fungi.

CLIA:

A sensitive lab method that measures markers of how your gut is working.

FEIA:

Measures specific markers linked to gut health.

ELISA:

Measures gut markers such as secretory IgA and zonulin, which relate to immune activity and the gut lining.

GC/MS:

Measures short chain fatty acids, helpful compounds made by healthy gut bacteria.

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: 7-10 business days

TECHNOLOGY: Metagenomic (shotgun) Sequencing + PCR/qPCR + ELISA/CLIA + Macroscopy

MARKERS: 200+ markers across 14 GI testing categories

MICROBIAL DATABASE: 28,000+ microbial species (bacteria, archaea, fungi, virus)

LABORATORY ACCREDITATION: NATA (ISO 15189) & CLIA licensed

RELATED PRODUCTS: Baby Biome (2217) & Paediatric Biome (2218), GutIQ-based with age-specific reference ranges