



NUTRIPATH

INTEGRATIVE PATHOLOGY SERVICES

MICROBIOME TESTING MATRIX

In the creation of our Microbiome Testing Matrix, we have thoughtfully curated a selection of our most frequently requested profiles. As a pathology provider, we acknowledge that a one-size-fits-all approach is not appropriate for Microbiome panel testing. We understand that various factors need to be taken into account when determining the most suitable test for each patient, including their financial considerations, specific symptoms, clinical relevance of the test and more. Consequently, we offer a diverse array of over 10 profiles, along with an extensive range of follow-up options to accommodate the unique needs of our patients.

	Microbiology Analysis (CDSA1)	Microbiome Basic	Complete Microbiome Mapping	Advanced Microbiome Mapping	Microbiomix Metagenomic Mapping	Available as follow up	Order Code
Test Code	2003	2207	2206	2211	2212		
METHODOLOGY CHOICE				Duplicate Testing**	Triplicate Testing***		
PCR and qPCR	X	✓	✓	✓	✓		
Metagenomic sequencing 28,000+ microbial species	X	X	X	X	✓		
Microbiological culture	✓	X	X	✓	✓		
GAS CHROMATOGRAPHY MASS SPECTROMETRY (GCMS)							
butyrate, acetate, propionate, valerate	X	X	✓	✓	✓		
DIAGNOSTIC GASTROINTESTINAL MARKERS							
Faecal occult blood	✓	X	✓	✓	✓	✓	2020
Mucous	✓	X	✓	✓	✓	✓	2020
Calprotectin	X	X	✓	✓	✓	✓	2001
Pancreatic elastase	X	X	✓	✓	✓	✓	2014
Secretory IgA	X	X	✓	✓	✓	✓	2024
Zonulin	X	X	✓	✓	✓	✓	2023
Beta-glucuronidase	X	X	✓	✓	✓	✓	2013
Steatocrit	X	X	✓	✓	✓	✓	2020
a-Transglutaminase IgA	X	X	✓	✓	✓	✓	2016
Faecal pH	✓	X	X	X	✓	✓	2020
MICROBIOME ANALYSIS							
Protozoa	✓	✓	✓	✓	✓	✓	2002
Parasites	✓	✓	✓	✓	✓	✓	2002
Parasite subtyping	X	✓	✓	✓	✓		
Worms/helminths	X	✓	✓	✓	✓	✓	2028
Bacteriology (opportunistic bacteria)	✓	✓	✓	✓	✓		2003
Mycology (fungi)	✓	✓	✓	✓	✓		2003
Bacterial pathogens	✓	✓	✓	✓	✓	✓	2029
H.pylori	X	✓	✓	✓	✓	✓	2010
H.pylori and 8 associated virulence factors	X	✓	✓	✓	✓	✓	2010
H.pylori antibiotic resistance genes (A2142C&G and A2143G)	X	✓	✓	✓	✓		
Bacteriology antibiotic susceptibility testing (AST)	X	X	X	✓	X		
Bacteriology natural antibiotic susceptibility testing	X	X	X	✓	X		
Bacteriology antibiotic resistance gene testing (universal)	X	X	X	X	✓		
Mycology fungal susceptibility testing (AST)	X	X	X	✓	X		
Mycology naturalfungal susceptibility testing (AST)	X	X	X	✓	X		
Viral pathogens	X	✓	✓	✓	✓	✓	2026
Beneficial flora	✓	✓	✓	✓	✓		
INFORMATIONAL MICROBIOME DATA							
Relative abundance of the microbial community	X	✓	✓	✓	✓		
Microbiome diversity	X	X	X	X	✓		
Microbial richness	X	X	X	X	✓		
Personalised clinical and research insights	✓	✓	✓	✓	✓		
Gut microbiome impact and health concerns	X	X	X	X	✓		
TURNAROUND TIME	7 business days	5 business days	5 business days	5-7 business days	12 business days		

Duplicate Testing - Dual Identification Method *Triple Testing - Triple Identification Method