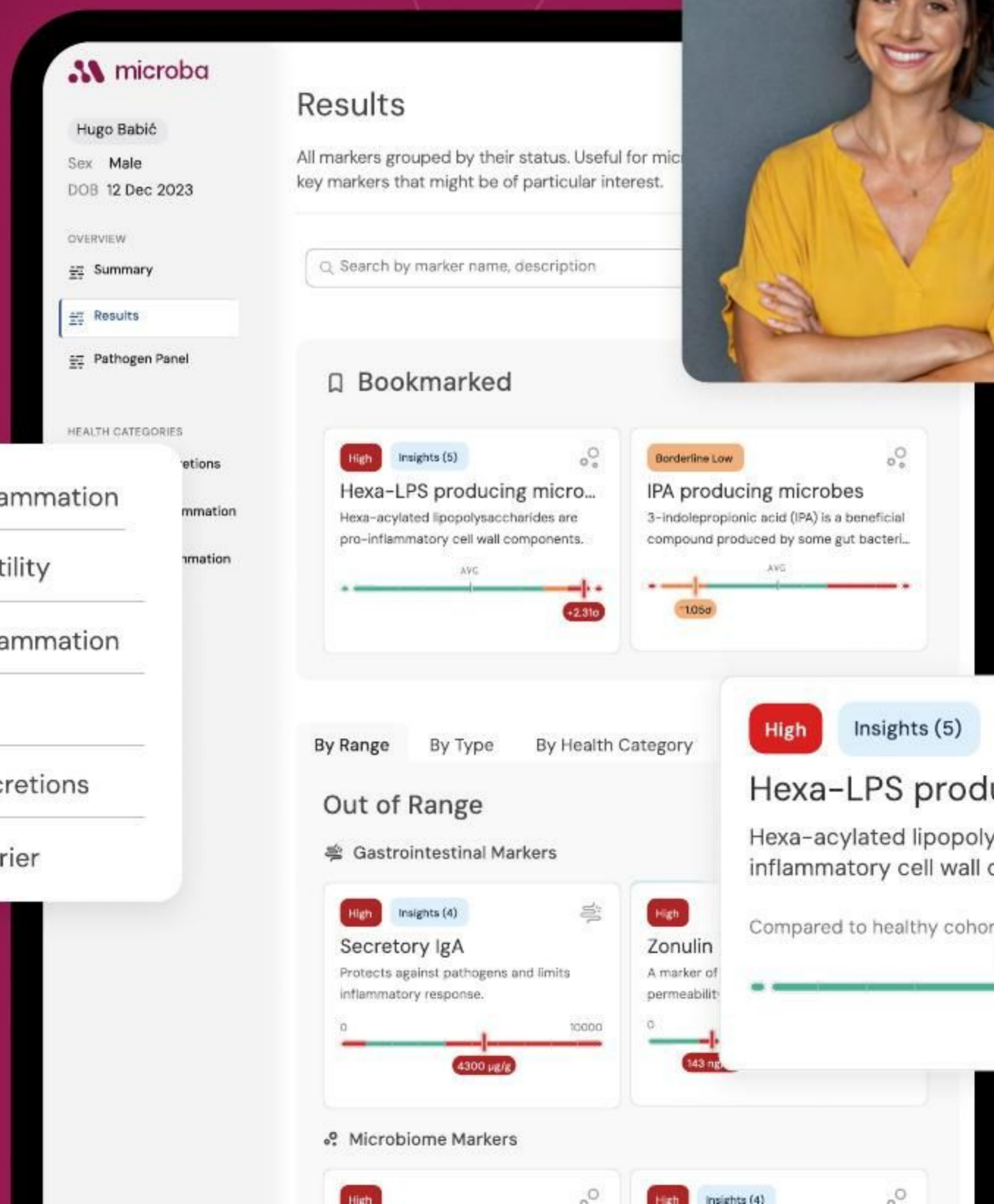


Confident care with clinical-grade microbiome testing

The only microbiome test with a clinical-grade system that gives pioneering practitioners the full picture of the gut microbiome ecosystem, how it's affecting patient health and what to do about it – all backed by evidence from 1500+ peer reviewed studies.

microba

Hugo Babić
Sex Male
DOB 12 Dec 2023

OVERVIEW
Summary
Results
Pathogen Panel

HEALTH CATEGORIES
Intestinal Inflammation
Intestinal Motility
Systemic Inflammation
Detox/Retox
Digestive Secretions
Intestinal Barrier

Results

All markers grouped by their status. Useful for micro...
key markers that might be of particular interest.

Search by marker name, description

Bookmarked

High Insights (5)

Hexa-LPS producing micro...
Hexa-acylated lipopolysaccharides are pro-inflammatory cell wall components.

AVG **-2.31σ**

Borderline Low

IPA producing microbes
3-indolepropionic acid (IPA) is a beneficial compound produced by some gut bacteri...

AVG **-1.05σ**

Out of Range

Gastrointestinal Markers

High Insights (4)

Secretory IgA
Protects against pathogens and limits inflammatory response.

0 10000
4300 µg/l

High







Zonulin
A marker of permeability.

Compared to healthy cohort
AVG **+2.31σ**

Microbiome Markers

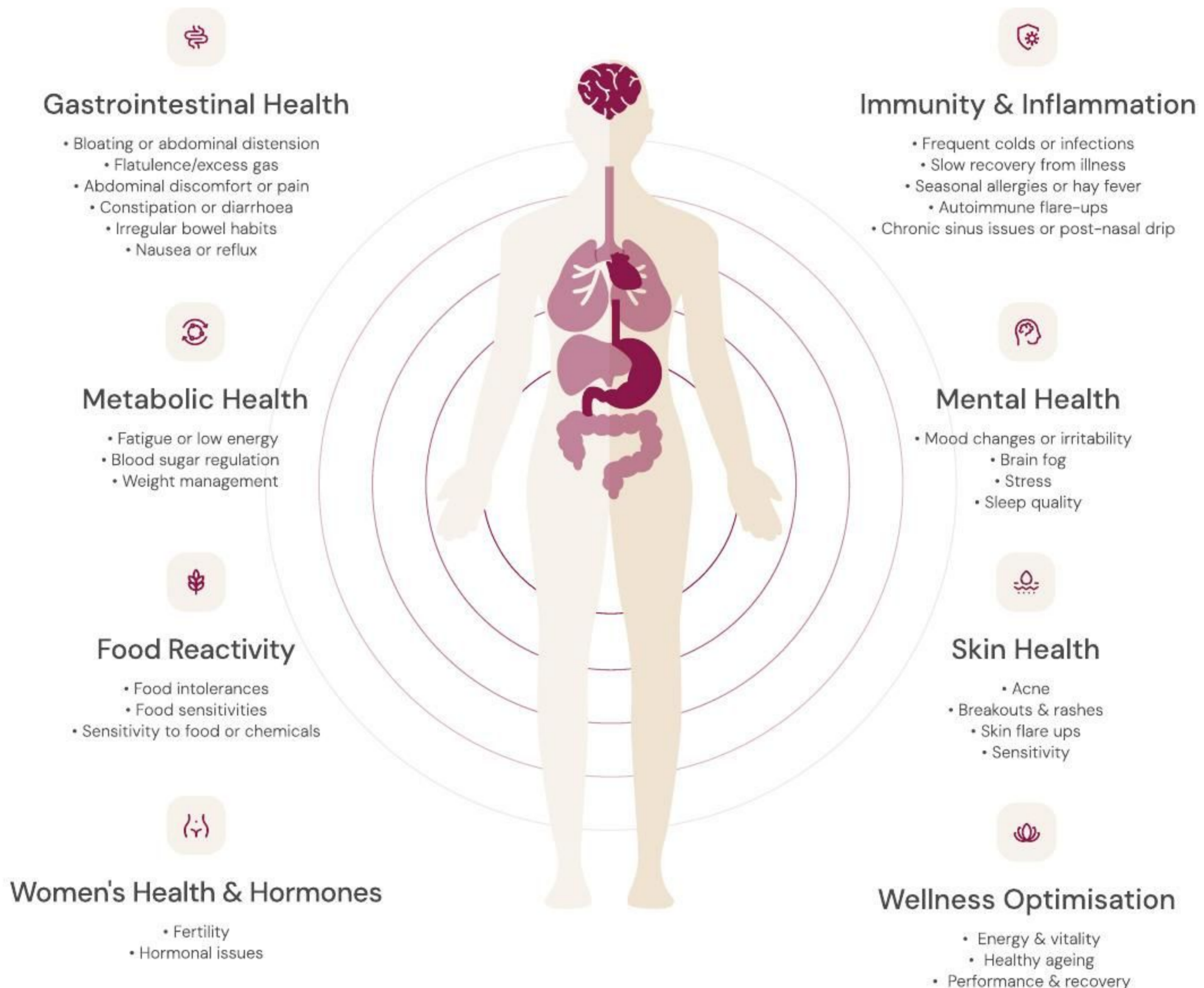
High

High Insights (4)

-  Intestinal Inflammation
-  Intestinal Motility
-  Systemic Inflammation
-  Detox/Retox
-  Digestive Secretions
-  Intestinal Barrier

The microbiome is the missing link in **better care**

The gut microbiome influences gastrointestinal, cardiac-metabolic, immune, and nervous system health – helping clinicians uncover root causes across a wide range of patient presentations



Exploring these underlying factors in practice requires microbiome insights that are both comprehensive and easy to apply in clinical practice.

Other tests leave you with **more questions than answers**

PCR-only tests offer a familiar but narrow view.

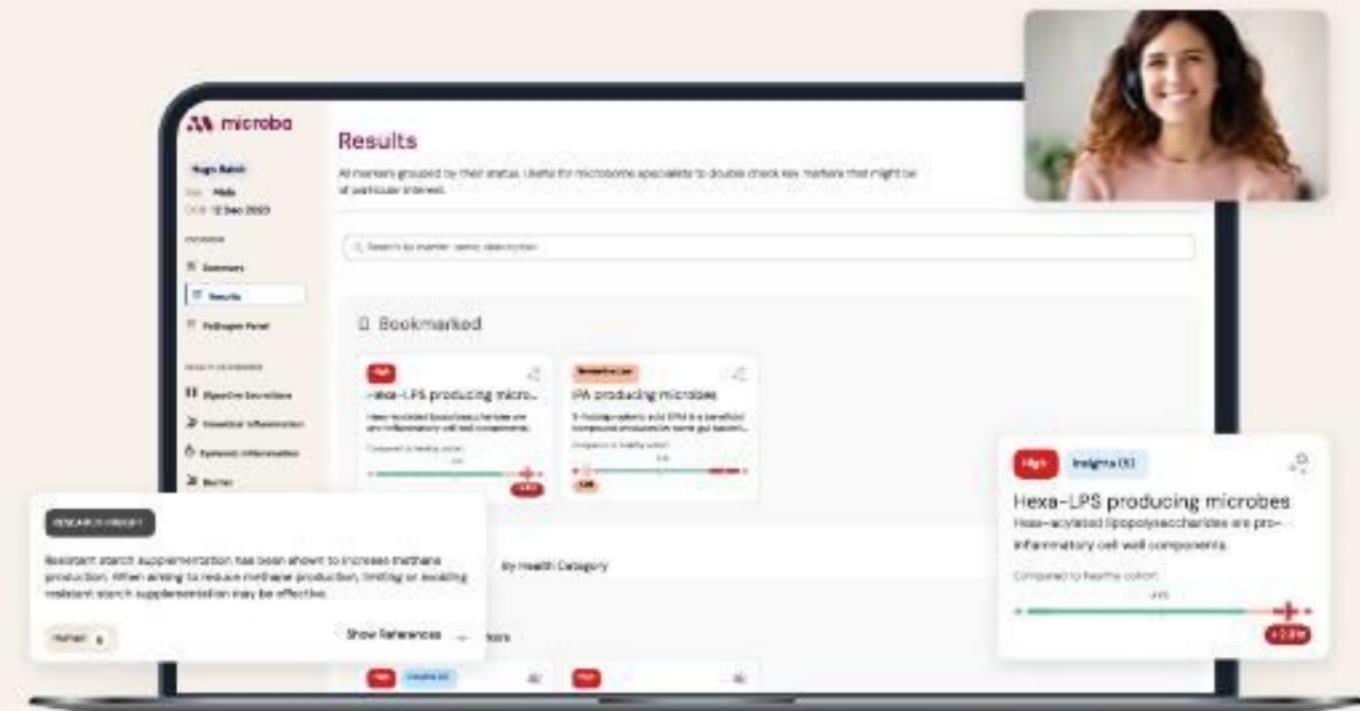
Metagenomics-only tests often produce long species lists that are hard to interpret.

Microba turns microbiome data into **clinical confidence**

Microba offers the only test with a clinical-grade system that gives pioneering practitioners the full picture of the gut microbiome ecosystem, how it's affecting patient health and what to do about it.

Make confident decisions with actionable insights that work

- One-on-one case consults with microbiome experts
- Scientifically validated functional biomarkers with clear healthy reference ranges
- 75+ personalised, evidence-graded insights across diet, lifestyle, and supplements



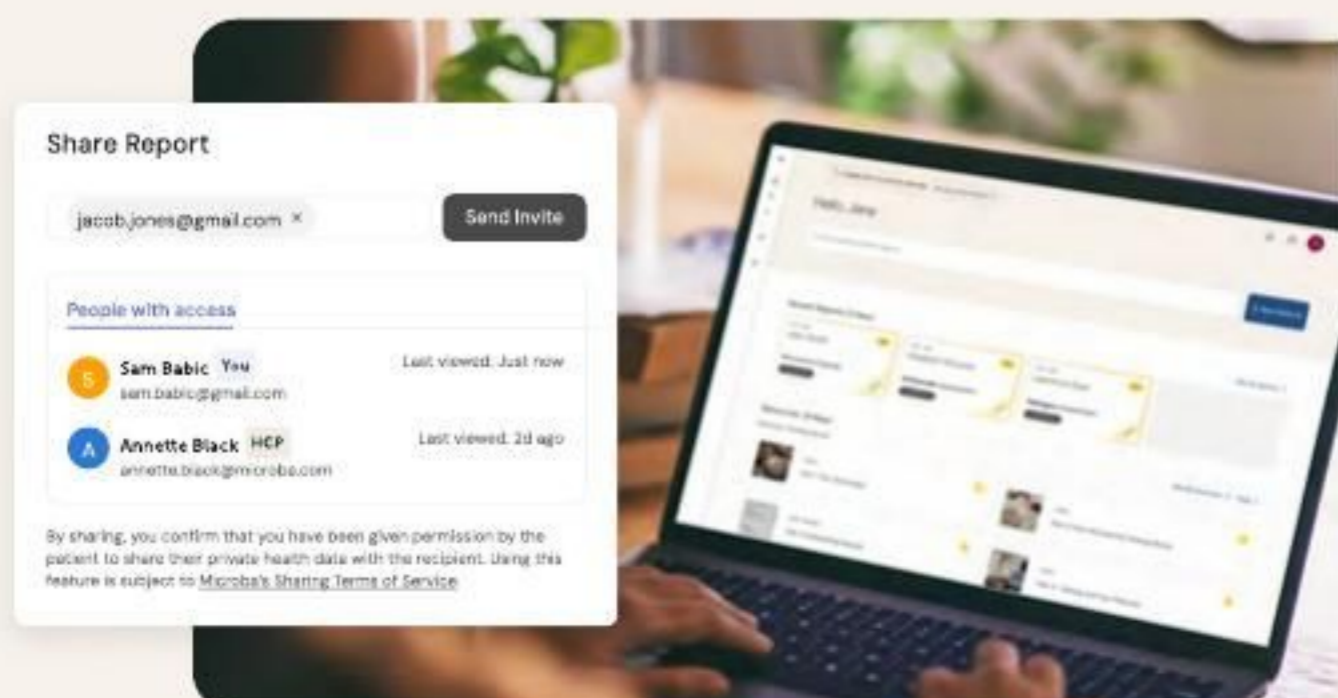
- 16 Microbiome Markers
- 7 GI Markers
- 18 Pathogen Markers
- Species Detected: 28,000+

Never miss a thing with the full picture of the gut microbiome

- Multiple panels, one report (Microbiome, GI Markers and Pathogens).
- 100% coverage of the human gut microbiome.
- Comprehensive species explorer – browse by species, phylum and genus.

Peace of mind with quality lab work you can trust

- Smart sample preservation during transport
- In-house ISO15189-accredited laboratories and bioinformatics
- Clinical-grade lab assays across shotgun Metagenomics, PCR and culture



Easily collaborate with thoughtfully designed tools

- Practitioner portal for managing patients and referrals with admin access for clinic teams
- Full interactive, shareable digital report for patients and other practitioners
- Flexible ordering and payments, including practitioner-pay and patient-pay

Microba tests are better than just a list of microbes

Designed to provide reliable lab work, comprehensive coverage, and clinical decision support — not just detection limited speices.

	Microba Microbiome Explorer Range	Other Metagenomic (mNGS) tests	Other PCR tests
Coverage Which microbes are present	✓ Comprehensive Combines mNGS, PCR, and ELISA to assess the full gut microbiome ecosystem, including species, pathogens, and GI health markers.	— Limited Microbial species only – designed for understanding the function of the species.	— Limited Narrow, targeted detection (~1%) designed for specific pathogen screening.
Interpretability What the microbes are doing	✓ High 40 scientifically validated functional biomarkers with clear healthy reference ranges.	✗ Low Long species lists with limited clinical meaning.	✗ Low Limited functional insight beyond presence/absence.
Evidence How do we know	✓ Extensive Biomarkers, insights, and expert summaries backed by 1,500+ peer-reviewed studies, with evidence linked directly in the report.	— Limited Limited published evidence, typically not linked within reports.	— Limited Limited published evidence, typically not linked within reports.
Actionability What to do about it	✓ Personalised 75+ personalised, evidence-graded insights across diet, lifestyle, and supplements.	✗ Minimal Limited and generic recommendations without evidence gradings.	— Biased Primarily kill-protocol-focused recommendations.
Clinical support Help when you need it	✓ Expert-level One-on-one case consults with microbiome experts.	— Basic Basic technical support.	— Basic Basic technical support.
Education & Resources Get the skills you need	✓ Best-in-class Access to live mentoring sessions, 50+ clinical resources, patient handouts and recipes.	— Limited Limited customer support resources.	✗ Minimal Limited customer support resources.
Collaboration Care is a team sport	✓ Built-in Fully interactive, shareable digital report for patients and other practitioners.	✗ Manual Static PDF reports only.	✗ Manual Static PDF reports only.

The Microbiome Explorer Range

The Microba Microbiome Explorer range offers three clinical-grade testing options, enabling the right depth of microbiome insight with personalised, evidence-graded guidance.

Microbiome Explorer

Essentials

For health conscious individuals and ongoing monitoring.

Includes:

- Assessment of dysbiosis (microbial imbalance)
- 16 microbiome biomarkers
- Shotgun metagenomic microbiome profiling
- Personalised evidence-graded insights

Microbiome Explorer

Extended

For chronic presentations where infection has been ruled out.

Includes everything in Essentials, plus:

- Assessment of gut function
- 7 clinically validated gut function biomarkers
- Clinically validated ELISA assay

Microbiome Explorer

Comprehensive

For chronic presentations including possible infection where drivers are unclear.

Includes everything in Extended, plus:

- Assessment of infection risk
- 18 clinically validated pathogen targets
- Clinically validated RT-PCR assay

Rigorous Lab Work

	1 Panels	2 Panels	3 Panels
Test panels included			
Shotgun metagenomic microbiome profiling (mNGS)	✓	✓	✓
Enzyme-linked immunosorbent assay (ELISA)		✓	✓
Reverse Transcription Polymerase Chain Reaction (RT-PCR)			✓

Comprehensive Coverage

	16 Biomarkers	23 Biomarkers	41 Biomarkers
Validated biomarkers assessed			
16 microbiome biomarkers	✓	✓	✓
7 clinically validated gut function biomarkers		✓	✓
18 clinically validated pathogen targets			✓

Clinical Decision Support

Personalised evidence-graded insights	60+ Insights	75+ Insights	75+ Insights
Health Categories covered	5 Categories	6 Categories	6 Categories

PRODUCT DEEP DIVE

Microbiome Explorer Essentials

The accessible clinical-grade test for microbiome insights.

Insights about the microbiome's impact on patient health.



Included panels & bio markers

WHOLE MICROBIOME PROFILE

16 microbiome markers

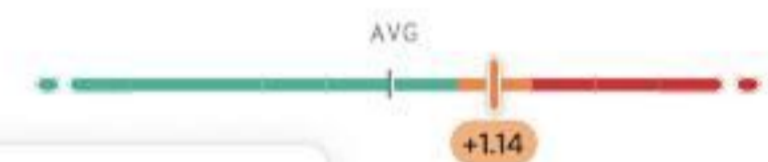
- Acetate producing microbes
- B.fragilis toxin producing microbes
- Branched-chain amino acids (BCAA) producing microbes
- Beta-glucuronidase producing microbes
- Butyrate producing microbes
- Hexa-acylated lipopolysaccharide (hexa-LPS) producing microbes
- Hydrogen sulphide producing microbes
- 3-indolepropionic acid (IPA) producing microbes
- Methane producing archaea
- Microbial diversity
- Microbial richness
- Mucin consuming microbes
- Oral species
- Oxalate consuming microbes
- Propionate producing microbes
- Trimethylamine (TMA) producing microbes

Powered by Metagenomic Next Generation Sequencing (mNGS)

Borderline High

Hexa-LPS producing micro...

Hexa-acylated lipopolysaccharides (hexa-LPS) are bacterial cell wall components of b...



Optimal

Butyrate producing microb...

Butyrate is a beneficial short-chain fatty acid that is important for gut health. Low le...



Optimal

Mucin Degradation

Mucin is a component of the mucus layer that lines and protects the epithelial gut bar...



Included in Your Report:

Categorisation into Health Categories

Intestinal Motility

Systemic Inflammation

Intestinal Inflammation

Detox/Retox

Intestinal Barrier

60+ evidence-graded, actionable insights



3
lifestyle
insights

20
prebiotic and
probiotic insights

32
diet
insights

5
supplementation
insights

PRODUCT DEEP DIVE

Microbiome Explorer Extended

The clinical-grade test for chronic presentations without infection

Insights about the microbiome's impact on patient health combined with key GI health markers.



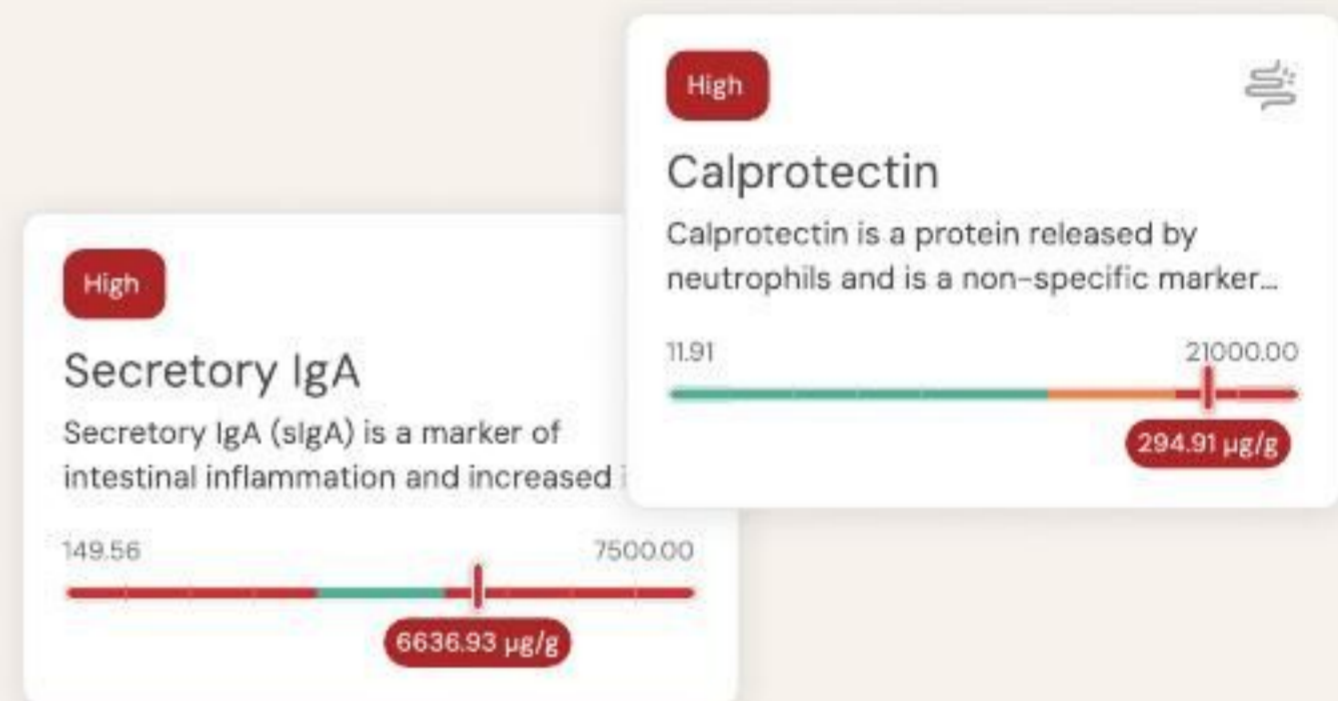
Included panels & bio markers

WHOLE MICROBIOME PROFILE

16 Microbiome Markers

- Acetate producing microbes
- B.fragilis toxin producing microbes
- Branched-chain amino acids (BCAA) producing microbes
- Beta-glucuronidase producing microbes
- Butyrate producing microbes
- Hexa-acylated lipopolysaccharide (hexa-LPS) producing microbes
- Hydrogen sulphide producing microbes
- 3-indolepropionic acid (IPA) producing microbes
- Methane producing archaea
- Microbial diversity
- Microbial richness
- Mucin consuming microbes
- Oral species
- Oxalate consuming microbes
- Propionate producing microbes
- Trimethylamine (TMA) producing microbes

Powered by Metagenomic Next Generation Sequencing (mNGS)



GI HEALTH PANEL

7 Diagnostic GI Markers

- Faecal occult blood
- Calprotectin
- Lactoferrin
- Pancreatic elastase
- Secretory IgA
- Zonulin
- Faecal pH

Powered by Enzyme-Linked Immunosorbent Assay (ELISA)

Included in your report:

Categorisation into Health Categories

Intestinal Motility

Systemic Inflammation

Intestinal Inflammation

Detox/Retox

Intestinal Barrier

Digestive Secretions

75+ evidence-graded, actionable insights



3
lifestyle
insights

20
prebiotic and
probiotic insights

32
diet
insights

15
supplementation
insights

PRODUCT DEEP DIVE

Microbiome Explorer Comprehensive

The clinical-grade test for chronic presentations including possible infection.

Insights about the microbiome's impact on patient health combined with key GI health markers and pathogen screening.



Included panels & bio markers

PATHOGEN PANEL

18 Diagnostic Pathogen Markers

- Aeromonas spp.
- Campylobacter spp.
- Clostridium difficile toxin B
- Cryptosporidium spp.
- Cyclospora cayetanensis
- Dientamoeba fragilis
- E. coli O157
- Entamoeba histolytica
- Enteroaggregative E. coli (EAEC)
- Enteropathogenic E. coli (EPEC)
- Enterotoxigenic E. coli (ETEC)
- Giardia lamblia
- Hypervirulent Clostridium difficile
- Salmonella spp.
- Shiga Toxin
- Shigella spp./EIEC
- Vibrio spp.
- Yersinia enterocolitica

Powered by

Real-time Polymerase Chain Reaction (RT-PCR)

WHOLE MICROBIOME PROFILE

16 Microbiome Markers

- Acetate producing microbes
- B.fragilis toxin producing microbes
- Branched-chain amino acids (BCAA) producing microbes
- Beta-glucuronidase producing microbes
- Butyrate producing microbes
- Hexa-acylated lipopolysaccharide (hexa-LPS) producing microbes
- Hydrogen sulphide producing microbes
- 3-indolepropionic acid (IPA) producing microbes
- Methane producing archaea
- Microbial diversity
- Microbial richness
- Mucin consuming microbes
- Oral species
- Oxalate consuming microbes
- Propionate producing microbes
- Trimethylamine (TMA) producing microbes

Powered by

Metagenomic Next Generation Sequencing (mNGS)



GI HEALTH PANEL

7 Diagnostic GI Markers


- Faecal occult blood
- Calprotectin
- Lactoferrin
- Pancreatic elastase
- Secretory IgA
- Zonulin
- Faecal pH

Powered by


Enzyme-Linked Immunosorbent Assay (ELISA)


Included in your report:


Categorisation into Health Categories


 Intestinal Motility

 Systemic Inflammation

 Intestinal Inflammation

 Detox/Retox

 Intestinal Barrier

 Digestive Secretions

75+ evidence-graded, actionable insights



3
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insights

COMPREHENSIVE COVERAGE

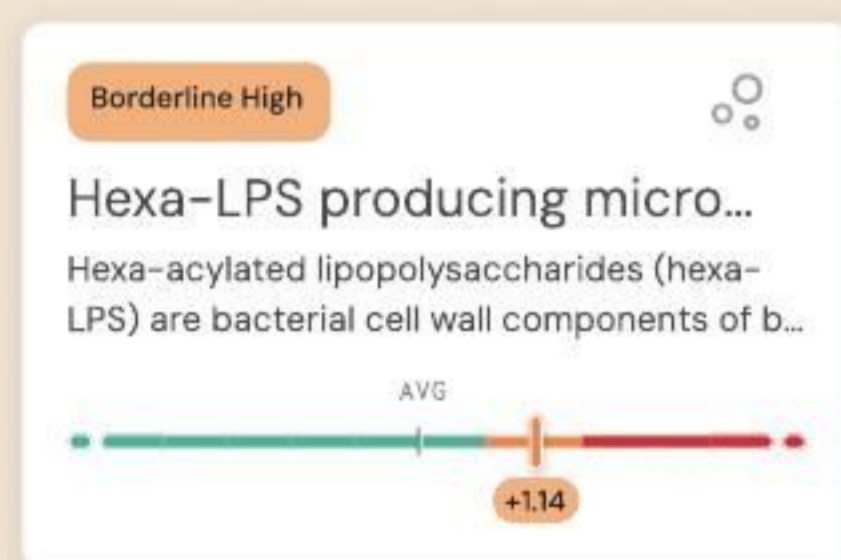
Never miss a thing with the full picture of the gut microbiome

Our unique technology fuses multiple testing approaches to give you the most comprehensive view of the microbiome ecosystem from a single sample.

Scientifically validated markers

Microbiome Markers

Clinically validated markers that assess microbiome function and microbial metabolic capacity.



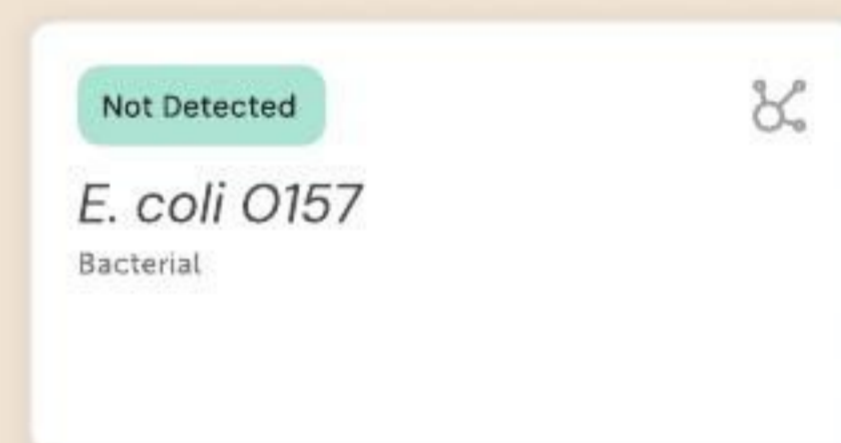
GI health markers

Markers assessing key aspects of gut health, including digestion, inflammation, and intestinal barrier integrity.



Pathogen panel

Detection of clinically relevant gut pathogens associated with infection and disease.



Full coverage of the gut microbiome

Provides a complete clinical picture by assessing the full breadth of the gut microbiome including bacteria, archaea, fungi, and protists, all aligned to the Gut Microbiome Reference Catalogue (GMRC),

mNGS 100%
Comprehensive coverage



PCR ~1%
Limited detection



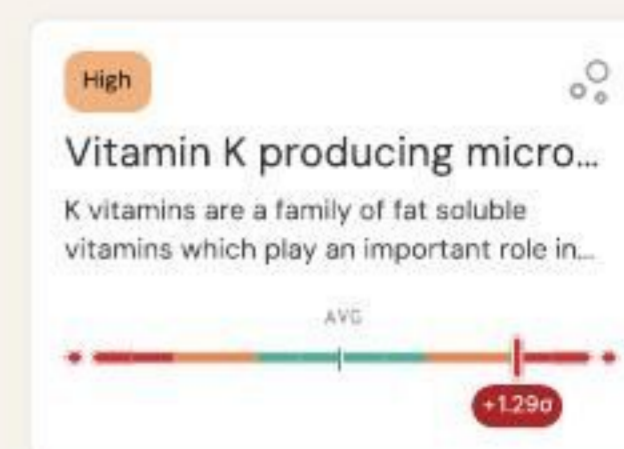
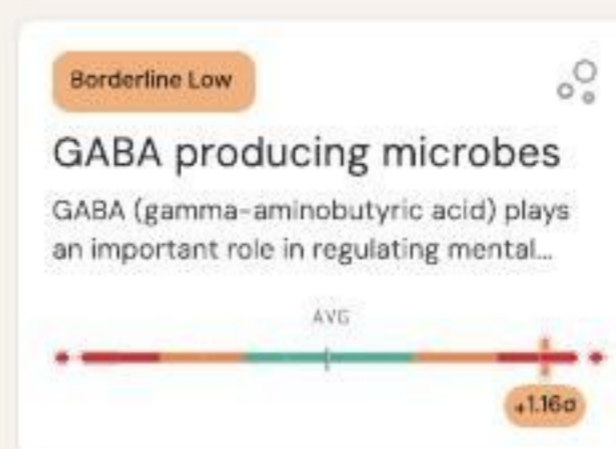
Interactive Species Explorer

The Species Explorer enables exploration of all microbial species detected in the sample, including those associated with health and disease. Available to download as a CSV file.



Emerging Markers

Identifies microbiome markers with an emerging evidence base, extending insight into areas of the microbiome where research is still evolving.



RIGOROUS LAB WORK

Peace of mind with **quality lab work** you can trust

Accurate microbiome insights start with scientific rigour across sample handling, testing, and analysis.

Smart Sampling Kit

At home sampling collection

Validated, easy-to-use kits reduce logistical barriers while enabling clinical-grade testing outside the clinic.



Smart sample preservation

Built-in preservation technology protects microbial DNA during transit, helping ensure samples arrive in optimal condition



Sample temperature tracking

Continuous temperature monitoring during transit provides added assurance of sample integrity and result reliability



Clinical-grade lab assays

Clinical-grade assays combining shotgun metagenomics for microbiome profiling, ELISA for GI health markers, and industry-standard PCR for pathogen detection, supported by continuous third-party quality assurance.

14 -28 day turnaround time

Understand whether a patient's microbiome is balanced or dominated by specific species, supporting clearer interpretation of gut health.



ISO15189 accredited lab and Bioinformatics

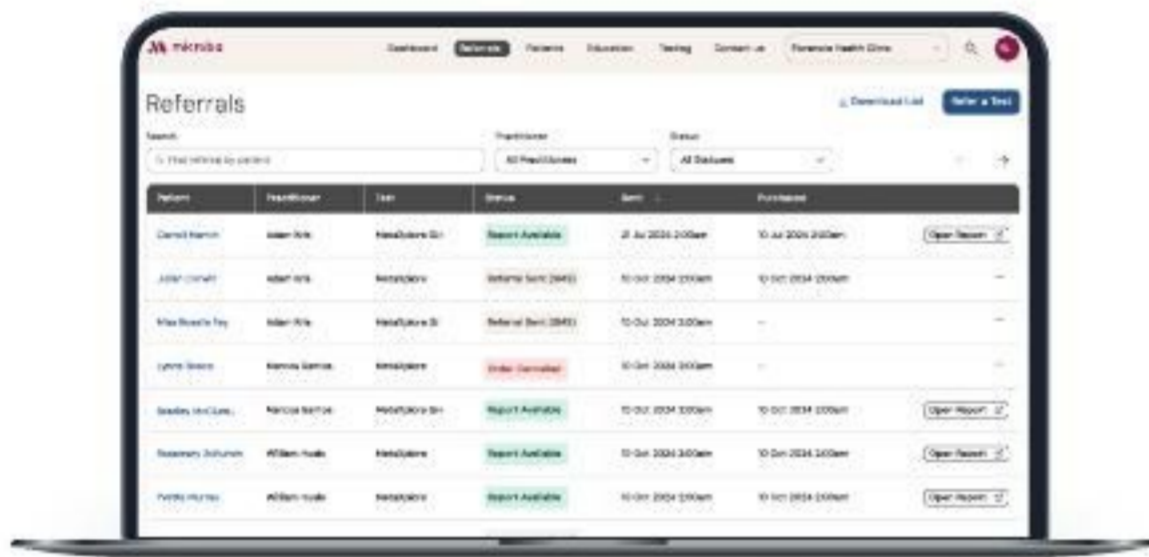
Testing is performed in Microba's in-house ISO 15189-accredited laboratory and bioinformatics pipeline, not outsourced to third-party labs. This supports consistent, high-quality results and confidence in report accuracy.

Microbiome Explorer **Modern workflows** that fit seamlessly into your practice

From ordering and reporting to interpretation and patient communication, Microba supports efficient, confident care at every step.

Practitioner Portal

Order tests, access results, and manage patient reports in one secure, centralised portal designed to support efficient clinical workflows.



Interactive, shareable digital reports

Interactive digital reports support clear interpretation and patient understanding, with secure sharing options when collaboration or follow-up is required.



Admin Accounts

Flexible admin access allows delegation of ordering and reporting tasks while maintaining clinical oversight across the practice.



Flexible payment options

Flexible payment options, including PayPal, Pay in Four, or practitioner payment on the patient's behalf.



Clinical trading terms

Clinic trading terms are available to support practices ordering Microba tests at scale*.

*Available to approved clinics



Microbiome insights in **real-world** clinical practice

The gut microbiome influences gastrointestinal, cardiac-metabolic, immune, and nervous system health – helping clinicians uncover root causes across a wide range of patient presentations

CASE STUDY

Persistent constipation with overlapping pelvic symptoms

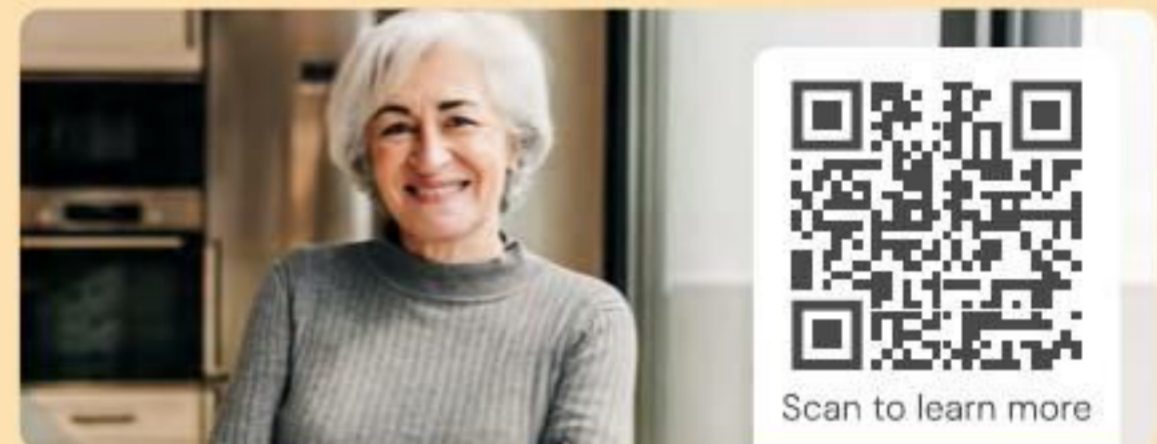
Ongoing constipation and bloating continued despite years of treatment. Microbiome Explorer uncovered microbial drivers and pointed to the need for further investigation into pelvic health factors.



CASE STUDY

Immune-related health challenges without gut symptoms

Despite minimal gastrointestinal symptoms, testing identified inflammation, barrier disruption, and microbial patterns associated with broader immune-related health concerns.



CASE STUDY

Chronic bloating, constipation, and food reactivity

Long-standing digestive symptoms with broad dietary sensitivities. Microbiome insights revealed digestive and microbial imbalances that had gone undetected, helping guide targeted care



CASE STUDY

Urgency, disrupted sleep and bowel control

Urgency, incontinence, and night-time nausea needed answers fast. Microbiome Explorer highlighted digestive insufficiency and microbial imbalances, helping her care team guide the next steps.



Together, these cases reflect how microbiome insights are applied across a wide range of complex clinical presentations.

HOW IT WORKS

Better **microbiome** insights in just a few steps

STEP 01

Refer a test

Use the Microba Practitioner App to quickly order a test. You can choose if the patient pays or if your clinic pays as part of a holistic care package



STEP 02

Sample collection and return

Your patient will receive an easy-to-use, at-home sample collection kit in the mail. It will guide them through collecting a sample and returning it to our lab



STEP 03

Review results

You'll get an email once the interactive report is ready. Book another patient consultation to walk them through the results.



STEP 04

Report interpretation support

Book a time with one of our Clinical Application Specialists for report interpretation support or guidance on complex cases.



Answers to common questions clinicians have when getting started with Microba.

Who is Microba testing intended for?

Microba testing is intended for use by healthcare practitioners managing complex or persistent presentations where additional microbiome context may be clinically relevant.

Can I see a sample report before committing?

Absolutely. You can view the sample report anytime. it is located on the products home page, please visit: www.microba.com/products

What support is available if I need help interpreting results?

Clinical support is available, including access to microbiome experts and supporting educational resources.

Can Microba testing be used alongside existing investigations?

Yes. Microba testing is intended to complement standard investigations, providing additional context in complex and persistent cases

Register online to
access testing
and support



Scan to register



