

Harnessing all the best technologies to create the ultimate gut health assessment

The GI360 is the latest, most comprehensive, gastrointestinal test in the market. The test is able to quantify the full spectrum of microbiological activity impacting large intestinal health. The microbiome has come of age, and many hundreds of publications are trying to elicit an understanding of how gut bacteria influences our health. The GI360 takes your microbiome picture and compares it to a normal gut microbiota. It then detects the genetic presence of pathogenic viruses, bacteria, and parasites. This technology is then harnessed with the traditional and most tested method of a growth-based culture, utilising the most modern mass spectrometry method called MALDI-TOF. The innovative combination of these technologies enables a comprehensive detection and assessment of pathogenic microorganisms residing in the gut, and helps devise strategies to protect the integrity of the GI tract.

The GI360 takes what we know of the old technology, harnessing it with the new technology and we end with the most comprehensive test which can show how your gut functions.

What does this test show?

- 1) The GI360 Profile identifies and characterises the abundance and diversity of more than 45 bacterial species, that the peer-reviewed research has shown to contribute to dysbiosis (imbalance of the normal composition of gut microbes) and other chronic disease states.
- 2) The Dysbiosis Index (DI) calculates the bacterial abundance and profile compared to a reference population with scores from 1 to 5. Values above 2 indicate a microbiota profile that differs from the normal gut microbiota, and is such classified as dysbiosis.
- 3) The presence of pathogenic viruses, bacteria, and parasites is detected by combining the newest technology with the most tested method of growth-based culture. If pathological microorganisms are detected, the GI360 Profile reports on levels of bacterial susceptibilities that may be useful in eradicating the microorganisms using either natural or prescriptive treatments.
- 4) The GI360™ Profile also measures how effectively the GI-tract functions, and reports on digestion & absorption, inflammation, and overall intestinal health.

