

## The Vibrant Advantage



Most comprehensive product in the market that provides you with actionable considerations for commensal bacteria, pathogenic bacteria, parasites and yeast.



Personalized portals with interpretable results for easy viewing and sharing.



Risk reduction choices in alignment with your lifestyle for a healthier you.



Access to highly qualified dietitians for advanced interpretations and assistance in creating customized healthy lifestyle choices.



Technology- Use of proprietary microarray platform enables specific detection of microbiome.



The general wellness test intended uses relate to sustaining or offering general improvement to functions associated with a general state of health while making reference to diseases or conditions. This test has been laboratory developed and its performance characteristics determined by Vibrant Genomics LLC, a CLIA-certified laboratory performing the test. The test has not been cleared or approved by the U.S. Food and Drug Administration (FDA). Although FDA does not currently clear or approve laboratory-developed tests in the U.S., certification of the laboratory is required under CLIA to ensure the quality and validity of the tests.

## Get Tested Now...



Gut Microbiome, present in your large intestine is host to more than 1000 species of bacteria that performs certain important functions like aid in digestion of foods, Vitamin synthesis etc. which our body cannot perform by itself.



It is important to know the abundances of these bacteria since imbalances in your gut microbiome may lead to gastrointestinal symptoms, skin conditions etc.



The Gut Zoomer performs the most comprehensive analysis of your microbial profile from your stool sample and provides you with an actionable report that includes dietary recommendations and other natural supplementation like prebiotics, probiotics, polyphenols etc.



Easy Stool collection kit



Get access to a Support team of highly qualified expert dietitians for dietary plans and reviews.

## Contact Us



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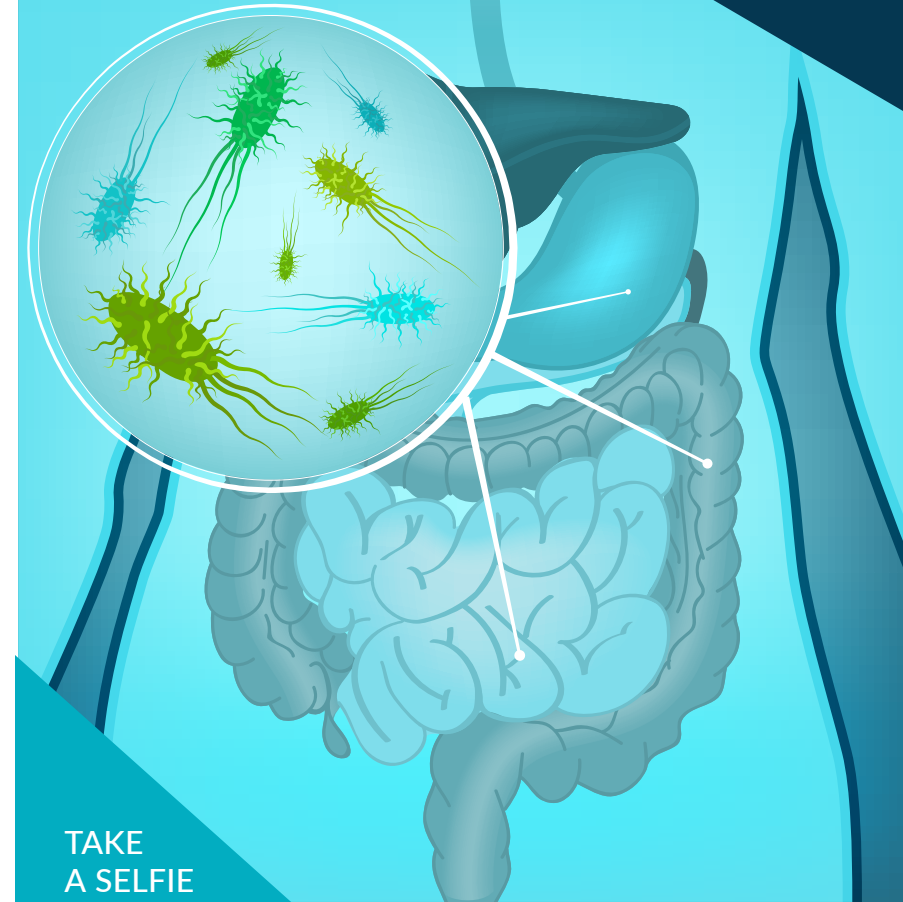
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## GUT ZOOMER



TAKE  
A SELFIE  
OF YOUR GUT  
MICROBIOME!

**MORE THAN  
100 TYPES OF BACTERIA,  
YEAST OVERGROWTH,  
& INTESTINAL PARASITES**

## What is Gut Microbiome?

The gut microbiome, which hosts more than 1000 bacterial species that encode about 5 million genes, performs many of important functions such as digestion of foods, immune system development, vitamin synthesis, ion absorption, salvage of energy, which our body cannot perform by itself. As its name states, gut microbiome is harbored in the intestine, one of the main areas in our bodies that comes into contact with the external environment (other examples are the skin and the lungs). Alterations in the composition of the gut microbiome could lead to a bacterial imbalance which has been related to an increasing number of intestinal and extra-intestinal diseases. Some of the factors that lead to such imbalances include:

- Diet
  - High in refined carbohydrates
  - Proinflammatory food choices
  - Excessive protein intake
  - Lack of fiber
- Stress
  - Antibiotic Use
  - Foreign Travel
  - Sedentary Lifestyle
  - Household environment



## Gut Microbiome Imbalance Effects

Imbalances in your gut microbiome may lead to the following symptoms/effects:

- Gastrointestinal symptoms / IBS
- Autoimmune disease
- Nutritional (or vitamin) deficiencies
- Skin conditions
- Autism Spectrum / ADHD
- Food intolerances
- Inflammation or joint pain
- Low energy levels / fatigue

## Gut Microbiome Imbalance Testing

Of all the bacterial species, only about a 100 types have potential health outcomes based on existing scientific studies and peer reviewed journals. Some of these include:

### Bacteria include:

- Bifidobacterium
- Propionibacterium
- Lactobacillus
- Prevotella
- Roseburia
- Clostridium
- Faecalibacterium prausnitzii
- Desulfovibrio
- Escherichia coli
- Akkermansia
- Methanobacteriales
- Eubacterium and many more...

### Pathogenic Bacteria include:

- Shigella
- Helicobacter pylori
- Salmonella sp
- Clostridium difficile
- Campylobacter
- Listeria sp
- Yersinia
- Klebsiella
- Edwardsiella tarda
- Escherichia coli O157
- Enterotoxigenic Escherichia coli

### Parasite and Yeast include:

- Cryptosporidium
- Entamoeba
- Giardia
- Candida Albicans (Fungal yeast)

- ▶ It is important to know the abundance of these bacteria to make healthy lifestyle decisions.

## What is Gut Zoomer?

Gut Zoomer is a health analytics tool that allows you to take a look at these populations of bacteria, yeast and parasites that reside in the gut. 16S Ribosomal Gene helps classify and distinguish bacteria at the phylum, genus, species and subspecies levels to determine how their relative abundance can affect your gut imbalance and overall health.

The Gut Zoomer allows the use of microbiome information to reduce, monitor and manage the effects of gut microbial imbalance.

## Why Use Gut Zoomer?

The Gut Zoomer performs the most comprehensive analysis available of your microbial profile from a simple and easy to use feces collection kit and provides you with an actionable report that includes potential risks for:

- Intestinal Permeability (SCFA producing Bacteria and Tight Junction Integrity)
- Intestinal Disorders (IBS IBD related bacteria)
- Heart Health (Lipid Influencing and TMAO bacteria)
- Autoimmune Disorders (Celiac, Crohn's etc)
- Metabolic Disorders (Obesity, Diabetes)
- Nutrition (Vitamin Production, Oxalate Metabolism)
- Intestinal Parasites – Cryptosporidium, Entamoeba and Giardia
- Fungal yeast – Candida Albicans

Gut Zoomer also provides you with roadmaps including dietary recommendations and other natural supplements that include:

**Probiotics:** Probiotics are friendly bacteria that can be found in a variety of foods. They help support a healthy gut microbiome, as well as maintain the integrity of the gut lining, boost immune function, promote healthy inflammatory responses, improve digestive function, helps to heal inflammatory bowel conditions, manage and prevents skin conditions, fights food-borne illnesses, and improve psychological function.

**Prebiotics:** Carbohydrate-based sources of fiber that are food for beneficial bacteria in your gut. These fibers help them grow and thrive. Prebiotic fibers are helpful in the treatment of irritable bowel syndrome, inflammatory bowel disease and intestinal permeability. They also help to regulate bowel function.

**Polyphenols (pol-ee-fee-nawls):** Chemical compounds that come from plants. They are used by your gut bacteria to make beneficial substances for you, and they help to keep your gut bacteria balanced by some of their antimicrobial effects. Eating more polyphenol-rich foods has been shown to create an optimal gut bacterial balance, which, in turn, can reduce your risk for many diseases. If you have a decreased abundance of some beneficial gut bacteria, increasing your intake of polyphenol-rich foods is one thing you can do to improve your gut bacteria balance.