

The clinical value of the GI EFFECTS functional stool profile



Hi, I'm Dr. Sodano, the director of clinical support and education at Evexia Diagnostics.



As you most likely know, digestive problems are one of the most common reasons people seek medical advice. So, today I want to talk to you about functional stool testing, in particular the GI-Effects functional stool analysis test.

Before getting into the details of this test, it's important to know that some of the health benefits of functional stool testing includes uncovering the cause of gastrointestinal symptoms, improving digestion, better regularity and increased nutrient absorption.

In regard to GI symptoms, functional stool analysis can reveal important information about the potential cause or causes of many common gastrointestinal symptoms, as well as non-GI conditions, some of which include:

- Gas
- Bloating
- · Indigestion and acid reflux
- Abdominal pain
- Diarrhea
- Constipation
- Inflammatory Bowel Disease
- Irritable Bowel Syndrome
- Atopic dermatitis and Eczema
- Allergies and food sensitivities
- Autoimmune diseases
- Mood disorders
- Joint aches
- Diabetes



DIAGNOSTIC TECHNOLOGIES USED IN GI EFFECTS:

- PCR testing, which assess for the presence of microbial DNA, which can help determine the clinical significance of pathogens and dysbiosis patterns
- Bacterial and mycology cultures demonstrate the presence of specific beneficial and pathogenic organisms
- Parasitology via PCR and microscopy are provided for pathogenic or potentially pathogenic organisms that have been cultured.



• Matrix Assisted Laser
Desorption Ionization Time-ofFlight Mass Spectrometry
(MALDI-TOF MS) technology is
used for identification of limitless
bacterial and fungal species.
The report includes effective
prescriptive and natural
agents to address infections
and overgrowth.

Learn more about the GI Effects Stool Profile by <u>clicking here</u>.

Learn more about the Evexia Nutraceuticals by <u>clicking here</u>.

To learn more about Evexia Diagnostics scan the QR Code.

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KEY BIOMARKERS INCLUDED IN GI EFFECTS STOOL PROFILE:

The biomarkers on the GI Effects test reflect the 3 key functions of gut health:

- DIGESTION AND ABSORPTION
- INFLAMMATION AND IMMUNOLOGY
- THE GUT MICROBIOME

Important digestion biomarkers included:

• PANCREATIC ELASTASE-1

In regard to Inflammation and Immunology:

- CALPROTECTIN is a marker of neutrophil-driven inflammation and is produced at sites of inflammation. This biomarker has been proven clinically useful in differentiating between Inflammatory Bowel Disease and Irritable Bowel Syndrome.
- EOSINOPHIL ACTIVATION PROTEIN is a marker of eosinophil-driven inflammation and allergic response.
- FECAL SECRETORY IGA is a marker of gut secretory immunity and barrier function.

This test also includes:

• FECAL OCCULT BLOOD TEST

In regard to assessment of the GI microbiome, this test includes the Inflammation-Associated Dysbiosis score, the Methane Dysbiosis score, metabolism indicators such as short-chain fatty acids and beta-glucuronidase, and a comprehensive review of the commensal bacteria, which is compared to a health cohort of healthy individuals.

You also have the option to add-on one or more significant test based on your patient's history or clinical suspicion such as:

- THE HELICOBACTER PYLORI STOOL ANTIGEN TEST
- FECAL LACTOFERRIN
- MACROSCOPIC EXAM FOR WORMS
- ZONULIN FAMILY PEPTIDE AND THE
- KOH PREPARATION FOR YEAST



Here are some Evexia Nutraceuticals[™] recommendations related to hormone balance for your patients:

GASTRO MICROB-ESSENTIALS - Gastro Microb-Essentials is a proprietary blend of botanicals that can help support a healthy microbial balance in the gastrointestinal (GI) tract. Each ingredient in this product has a long history of use for supporting healthy gut flora. These botanicals include: Tribulus Extract, a flowering plant also known as the Puncture Vine, which is native to warm temperate and tropical regions; Berberine Sulfate, found in roots, rhizomes and the stem bark of plants such as barberry, goldenseal, goldenthread and tree turmeric; Sweet Wormwood, derived from the inner bark of the Artemisia annua; Black Walnut Extract; Bearberry Extract; and Caprylic Acid. Research has shown that these unique botanicals possess a wide array of properties that can help support optimal gut bacteria balance including antibacterial, antiviral, antiparasitic, and antifungal activities.

D-ZYMES – A special formula to support optimal digestion, D-Zymes Plus combines betaine hydrochloride (HCI) along with a proprietary blend of digestive enzymes which includes dipeptidyl peptidase IV (a special enzyme which aids in the breakdown of gluten and casein - hard-to-digest proteins); lactase (the enzyme which helps digest lactose, known as the "milk sugar"); and ox bile extract and lipase (to emulsify and digest fats and fat-soluble vitamins).

GASTROBALANCE PLUS – GastroBalance Plus is a blend of botanical extracts and nutrient complexes which support a healthy gastric microbial balance and help maintain a healthy gastric mucosa. This formula may be helpful in managing occasional heartburn, bloating, abdominal pain, or upset stomach. It's offered in a quick-release capsule which dissolves easily for fast action.

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