



DID YOU KNOW THAT A HEALTHY DIGESTIVE SYSTEM IS THE BASIS OF YOUR OVERALL HEALTH?

Specimen Requirements: 4 vials with stool samples, 2-day collection.
Follow instructions provided in the test kit.

Importance of the Comprehensive Stool Analysis

Many chronic disorders come from digestive problems and inadequate nutrient absorption. Even with a very complete and balanced diet, nutrients have to be properly digested to transport vitamins to different parts of the body. Proper gastrointestinal functioning also ensures elimination of toxic molecules, microbes and undigested food particles from the body to prevent infections, toxic reactions, allergies and other health problems.

The negative role of abnormal intestinal microorganisms in gastrointestinal disorders is widely known. However, research also shows the relationship between the gastrointestinal and other systems in the body, such as the neurological, hepatic and immune systems.



For example, excessive yeast produces toxic metabolites, which can pass through the blood-brain barrier and alter neurological functioning causing "brain fog", behavior problems and learning difficulties. Exposure to certain pathogens can cause the formation of antibodies that can interfere with the brain in predisposed individuals causing problems with motor function. Excess of toxic by-products of certain bacteria can interfere with neurotransmitters and cause fatigue. Beneficial bacteria, on the other hand, helps with vitamin absorption and preventing infections.

The comprehensive stool analysis detects the presence of pathogenic yeast, parasites and bacteria, which could be contributing to chronic illness and neurological dysfunction. It provides helpful information about prescription and natural products effective against specific microorganism strains detected in the sample. The test also evaluates beneficial bacteria levels, intestinal immune function, overall intestinal health (presence of occult blood, short chain fatty acids analysis, pH, mucus and other criteria) and inflammation markers.

Free consultation with our nutritionist will help you to understand and interpret the results which will help you to make informed decisions about your treatment. At The Great Plains Laboratory, Inc., you will receive a benefit of testing with experts, easy testing procedures, detailed test interpretations, and ongoing free e-mail and phone support.



Recommended for the following disorders:

- ☀️ AD(H)D
- ☀️ Anxiety
- ☀️ Arthritis, Articular, or Muscular Pain
- ☀️ Autism Spectrum Disorders
- ☀️ Chronic Fatigue & Fibromyalgia
- ☀️ Depression
- ☀️ Diarrhea, Constipation, Abdominal Distension
- ☀️ Food Allergies
- ☀️ Inflammatory Bowel Disease
- ☀️ Irritable Bowel Syndrome
- ☀️ Leaky Gut Syndrome
- ☀️ Movement Disorders
- ☀️ Obsessive-Compulsive Disorder
- ☀️ Skin Conditions & Acne
- ☀️ Tic Disorder
- ☀️ Tourette Syndrome
- ☀️ Vitamin or Mineral Deficiencies
- ☀️ Weight Changes
- ☀️ Yeast Infections

"Our services prove that we care about our client's continuous well-being and progress after doing our tests"

Comprehensive Stool Analysis

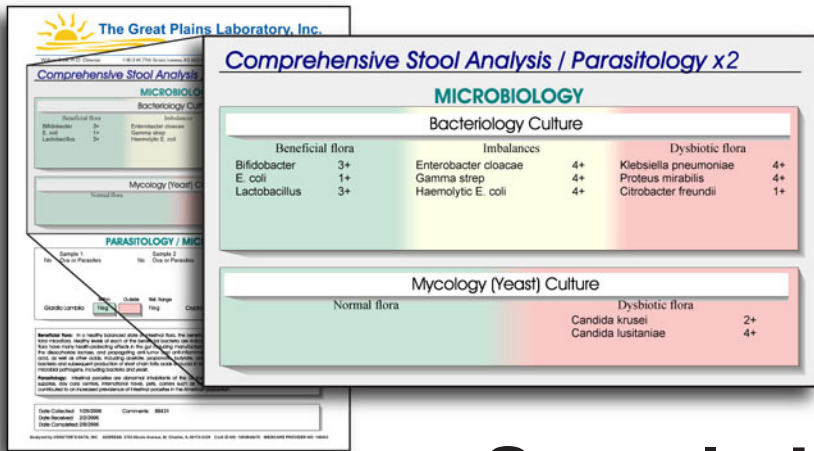


Comprehensive Stool Evaluation Will Give You Specific Information About The Following Digestive Criteria:

- Nutrients digestion (chymotrypsin, triglycerides, muscle fibers, vegetable fibers)
- Absorption of nutrients (cholesterol, carbohydrates, steatocrit %)
- Elimination efficiency of undigested food residues and toxins
- Levels of healthy bacterial flora versus presence of potentially pathogenic bacteria species, yeast and parasites
- Culture and sensitivities of pathogenic yeast and bacteria
- Infectious pathogens: (EIA evaluation for Campylobacter, Enterohemorrhagic E.coli cytotoxin, Giardia lamblia, Cryptosporidium)
- Indices and markers of intestinal immune function (fecal sIgA)
- Indices and markers of inflammation (lysozyme and lactoferrin levels)
- Indices and markers of intestinal physiology and of intestinal health (presence of RBC, WBC, mucus, occult blood, fecal pH, and short chain fatty acids analysis).

Testing Procedure

1. Contact The Great Plains Laboratory, Inc. via phone, fax, e-mail, or on our website to order a test kit.
2. Fill out the Test Requisition Form, have this form signed by a medical practitioner.
3. Indicate the payment method or insurance information on the Test Requisition Form.
4. Follow the instructions to collect the sample.
5. Send the sample with the paperwork in the pre-paid express overnight envelope included in the test kit (shipping cost is included in the price for U.S. clients).
6. The results will be mailed with a detailed explanation to the patient and medical practitioner in approximately one to three weeks after receiving your sample, unless the practitioner has specified otherwise.
7. A free phone consultation with our nutritional consultant is available to practitioners and patients upon request.



Comprehensive Stool Analysis / Parasitology x2

MICROBIOLOGY

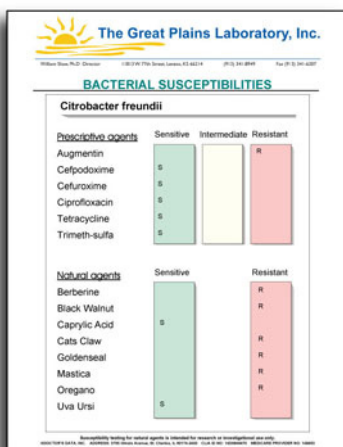
Bacteriology Culture

Beneficial flora	Imbalances	Dysbiotic flora
Bifidobacter 3+	Enterobacter cloacae 4+	Klebsiella pneumoniae 4+
E. coli 1+	Gamma strep 4+	Proteus mirabilis 4+
Lactobacillus 3+	Haemolytic E. coli 4+	Citrobacter freundii 1+

Mycology (Yeast) Culture

Normal flora	Dysbiotic flora
	Candida krusei 2+
	Candida lusitanae 4+

Sample Lab Report

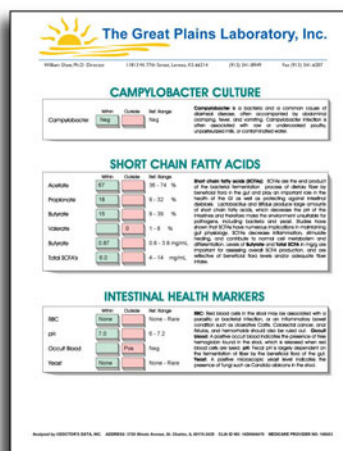


BACTERIAL SUSCEPTIBILITIES

Citrobacter freundii

Prescriptive agents	Sensitive	Intermediate	Resistant
Augmentin	S		R
Cefpodoxime	S		R
Cefuroxime	S		R
Ciprofloxacin	S		R
Tetracycline	S		R
Trimeth-sulfa	S		R

Natural agents	Sensitive	Resistant
Berberine	S	R
Black Walnut	S	R
Caprylic Acid	S	R
Cats Claw	S	R
Goldenseal	S	R
Mastic	S	R
Oregano	S	R
Uva Ursi	S	R



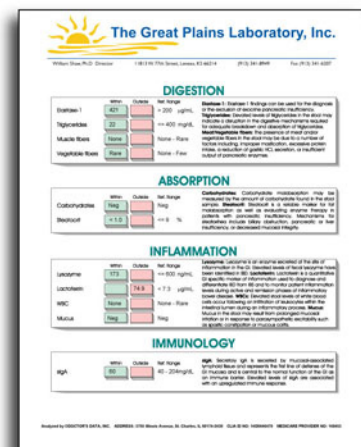
CAMPYLOBACTER CULTURE

SHORT CHAIN FATTY ACIDS

Acid	Level	Normal Range
Acetate	1.7	36 - 116 %
Propionate	1.8	9 - 10 %
Butyrate	1.5	9 - 10 %
Valerate	0.8	1 - 4 %
Subtotal	5.8	0.8 - 3.8 mg/ml
Total SCFAs	6.5	4 - 14 mg/ml

INTESTINAL HEALTH MARKERS

Marker	Level	Normal Range
WBC	None	None - None
RBC	None	None - None
Occult Blood	None	None - None
Mucus	None	None - None



DIGESTION

Parameter	Level	Normal Range
Starch	421	0 - 200 ug/ml
Trypsinogen	23	0 - 400 mg/ml
Mucic Acid	None	None - None
Vegetable Resid	None	None - None

ABSORPTION

Parameter	Level	Normal Range
Steatocrit	11.5	0 - 8 %

INFLAMMATION

Parameter	Level	Normal Range
Lysozyme	373	0 - 600 mg/ml
Lactoferrin	14.8	0 - 7.0 ug/ml
MUC	None	None - None
MALTA	None	None - None

IMMUNOLOGY

Parameter	Level	Normal Range
sIgA	62	0 - 200 mg/ml

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