

Organic acids testing can accurately identify conditions associated with genetic disorders, nutrient deficiencies, intestinal dysbiosis, and toxicity from diet and prescription drugs.

INTESTINAL MICROBIAL OVERGROWTH			
Yeast and Fungal Markers:	Bacterial Markers:	Clostridia Bacterial Markers:	
Citramalic Acid 5-Hydroxymethyl-furoic Acid 3-Oxoglutaric Acid Furan-2,5-dicarboxylic Acid Furancarboxylglycine Tartaric Acid Arabinose Carboxycitric Acid Tricarballic Acid	Hippuric Acid 2-Hydroxyphenylacetic Acid 4-Hydroxybenzoic Acid 4-Hydroxyhippuric Acid DHPPA	Rickettsia typhi OmpB Rickettsia typhi Surface antigen Powassan Virus Tickborne Encephalitis Virus West Nile Virus Chlamydomphila pneumoniae Coxsackie Virus Mycoplasma pneumoniae	
INDICATORS OF DETOXIFICATION			
Glutathione:	Ammonia Excess:	Aspartame, Salicylates, or GI bacteria:	
Pyroglutamic Acid 2-Hydroxybutyric Acid	Orotic Acid	2-Hydroxyhippuric Acid	
MITOCHONDRIAL MARKERS			
Krebs Cycle Metabolites:		Amino Acid Metabolites:	
Succinic Acid Fumaric Acid Malic Acid 2-Oxoglutaric Acid	Aconitic Acid Citric Acid	3-Methylglutaric Acid 3-Methylglutaconic 3-Hydroxyglutaric acid	
Amino Acids Metabolites	Tryptophan Metabolites:	Ketone and Fatty Acid Oxidation	
S2-Hydroxyisovaleric Acid 3-Methyl-2-oxovaleric Acid 2-Hydroxyisocaproic Acid 2-Oxoisocaproic Acid 2-Oxo-4-methylbutyric Acid Mandelic Acid Phenyllactic Acid Phenylpyruvic Acid Homogentisic Acid 4-Hydroxyphenyllactic Acid N-Acetylaspartic Acid Malonic Acid	Glyceric Acid Glycolic Acid Oxalic Acid	3-Hydroxybutyric Acid Acetoacetic Acid 4-Hydroxybutyric Acid Adipic Acid Suberic Acid Sebacic Acid Ethylmalonic Acid Methylsuccinic Acid	
	Glycolytic Cycle Metabolites		
	Lactic Acid Pyruvic Acid		
	Pyrimidine Metabolites		
	Uracil Thymine		
	Mineral Metabolites		
	Phosphoric Acid	Nutritional Markers N-Acetylcysteine Acid Methylcitric Acid Methylmalonic Acid (Vit B12) Pyridoxic Acid (Vit B6) Pantothenic Acid (Vit B5) Glutaric Acid (Vit B2) Absorbic Acid (Vit C)	

Published 11/30/2022