



OAT

ORGANIC ACIDS TEST

Unlocking Key Nutritional and Metabolic Insights: Enhancing Patient Health



MOSAIC
DIAGNOSTICS

Why Test for Organic Acids?

The World Health Organization has expressed concerns about the global increase in chronic diseases and conditions, reporting it as a significant health challenge.

- Organic acids testing uncovers ***underlying imbalances*** in key physiological areas, shedding light on factors that can contribute to the development of chronic diseases and conditions.
- Testing ***guides direct actions*** during further evaluations, improving symptoms and system optimization.
- Organic acids testing enhances diagnostics, providing a ***comprehensive foundation*** for personalized treatment plans.

What Are Organic Acids?

Organic acids are products of the body's metabolic pathways. Evaluation of these downstream metabolites from various metabolic pathways provides insight into key physiologic areas:

- ***Gut Health***
- ***Mitochondrial Dysfunction***
- ***Neurotransmitter Status***
- ***Detoxification***
- ***Macronutrient Breakdown***
- ***Nutritional Status***

Discover Our
OAT and Review
a Sample Report



What patients might benefit from the Organic Acids Test?

- Mental and Behavioral Disorders (Anxiety, Depression, Schizophrenia, ADHD, Autism Spectrum Disorders, etc.)
- Chronic Fatigue
- Digestive Issues
- Nutrient Deficiencies
- Autoimmune Disorders
- Metabolic Disorders (Diabetes, Insulin resistance)
- Neurological Disorders (Parkinson's, Dementia, Alzheimer's, Seizures)
- Obesity
- Fibromyalgia
- Optimizing Health
- Tick Borne Infections (Lyme, Bartonella, etc.)
- Skin Conditions (Eczema, Psoriasis, Acne)

Discover the Power of MosaicDX's Organic Acids Test

From this single urine test, you gain a wealth of insights across various areas of the body for a holistic viewpoint. This allows you to address imbalances, improve symptoms, and support overall health.

Functional Classes of the Organic Acids Test

Intestinal Microbial Overgrowth

Evaluates for candida activity, clostridia bacteria toxins, potential mold exposure, and imbalance in the gut microflora.

Oxalates

Insight into oxalate levels generated by organisms within the system or via dietary contributions.

Mitochondria

Evaluates for metabolic efficiency (e.g., use of glucose and amino acids for energy generation) and mitochondrial dysfunction.

Neurotransmitters

Metabolites evaluate for phenylalanine, tyrosine and tryptophan metabolism which are linked to neurotransmitter status and quinolinic acid production.

Pyrimidines

Provide insight into folate status and cellular turnover.

Ketone and Fatty Acid Oxidation

Evaluate mitochondrial utilization of fatty acids for energy production.

Nutritional Markers

Insight into the sufficiency of essential vitamins, antioxidants and metabolic pathway co-factors.

Indicators of Detoxification

Assess for the presence of oxidative stress via markers of glutathione sufficiency and methylation versus transsulfuration function.

Amino Acid Metabolism

May suggest functional nutrient need or be reflective of genetic metabolic dysfunction if a consistently, persistently elevated level of a particular analyte is noted.

Mineral Metabolism

This marker provides insight into dietary intake of phosphate and can give insights into Vitamin D levels.

Scan to Explore
Educational Resources



MosaicDX is committed to enhancing your knowledge of the OAT, every step of the way.

Clinical Consultations: Personalized sessions with clinical educators included to enhance your understanding of interpretation, follow-up strategies, test selection, and more!

Education Designed for Greater Expertise

Knowledge-packed webinars and workshops available for more successful patient outcomes.

Unlock Deeper Health Insights: Explore Common OAT Pairings

Mold & Mycotoxin Exposure



Gain more insights into possible mold and mycotoxin exposure and the potential impacts on mitochondrial function, detoxification capacity and nutrient status.

Mitochondrial & Metabolic



Investigate exposure to mycotoxins, glyphosate and heavy metals and the potential negative impacts on mitochondrial function and important metabolic pathways impacting gut health, neurotransmitter metabolism, detoxification capacity and nutritional status.

Food Sensitivities & Gut Imbalance



Assess IgG food sensitivities to 190 foods plus candida and yeast and the potential impacts on gut intestinal microbial balance and nutrient needs.

Open Your MosaicDX
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