

0091 Organix® Comprehensive Profile - Urine

Methodology: LC/Tandem Mass Spectroscopy, Colorimetric

Summary of Abnormal Findings

	<u>Findings</u>	<u>Intervention Options</u>	<u>Common Metabolic Association</u>
Fatty Acid Metabolism			
Adipate	Very High	Carnitine, B2	Fatty acid oxidation
Suberate	High	Carnitine, B2	Fatty acid oxidation
Carbohydrate Metabolism			
Pyruvate	Very High	Lipoic Acid, B1, B2, B3, B5	Glucose oxidation
L-Lactate	High	CoQ10, Lipoic Acid, B1, B2, B3, B5	Glucose oxidation
Energy Production Markers			
Citrate	High	Arginine	Renal ammonia loading
α-Ketoglutarate	High	CoQ10, Lipoic Acid, B1, B2, B3, B5	Citric acid cycle
B-Complex Vitamin Markers			
No Abnormality Found			
Methylation Cofactor Markers			
No Abnormality Found			
Neurotransmitter Metabolism Markers			
Vanilmandelate	High	Evaluate stress issues	Epi- & Norepinephrine turnover stimulation
Homovanillate	Very High	Evaluate stress issues	Dopamine turnover stimulation
Oxidative Damage and Antioxidant Markers			
No Abnormality Found			
Detoxification Indicators			
Sulfate	Very Low	N-acetylcysteine, Lipoic acid	Chronic low total body glutathione status, detox and antioxidant status
Bacterial - General			
Benzoate	Very High	Glycine	Hepatic Phase II conjugation

Georgia Lab Lic. Code #067-007

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New York Clinical Lab PFI #4578

Florida Clinical Lab Lic. #800008124

Testing Performed by Genova Diagnostics, Inc. 3425 Corporate Way, Duluth, GA 30096

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Hippurate

High

Glycine

Hepatic Phase II conjugation

L. acidophilus / general bacteria

D-Lactate

Very High

Non D-lactate-forming Probiotics

Intestinal bacterial overgrowth (L. acidophilus)

Clostridial Species

3,4-Dihydroxyphenylpropionate

Very High

Probiotics (S. Boulardii)

Intestinal bacterial overgrowth,
Clostridial species

Yeast/Fungal

No Abnormality Found