

Ordering Physician:

John Doe, MD
1234 Main St.
Anywhere, GA 30096

Accession #: **A1112080013**
Reference #:
Patient: **Sample Report**
Date of Birth: 02/05/1962
Age: 49
Sex: Female
Reprinted: 11/14/2012
Comment:

Date Collected: 12/07/2011
Date Received: 12/08/2011
Date of Report: 12/08/2011
Telephone: (770) 446-4583
Fax: (770) 441-2237



0291 Organix Basic Profile - Urine

Methodology: LC/Tandem Mass Spectroscopy, Colorimetric

Organix Interpretation

Organix Interpretive Guide is downloadable at: www.metamatrix.com/files/test-menu/interpretive-guides/Organix-IG.pdf

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Summary of Abnormal Findings

	<u>Findings</u>	<u>Intervention Options</u>	<u>Common Metabolic Association</u>
Fatty Acid Metabolism No Abnormality Found			
Carbohydrate Metabolism No Abnormality Found			
Energy Production Markers			
Succinate	High	CoQ10	ATP production
Fumarate	High	CoQ10	ATP production
B-Complex Vitamin Markers			
Xanthurenate	Very High	B6	Impaired Tryptophan metabolism
Methylation Cofactor Markers No Abnormality Found			
Neurotransmitter Metabolism Markers			
Homovanillate	Very High	Evaluate stress issues	Dopamine turnover stimulation
Detoxification Indicators			
2-Methylhippurate	High	Glycine	Xylene exposure

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Ranges are for ages 13 and over

Results
mcg/mg creatinine

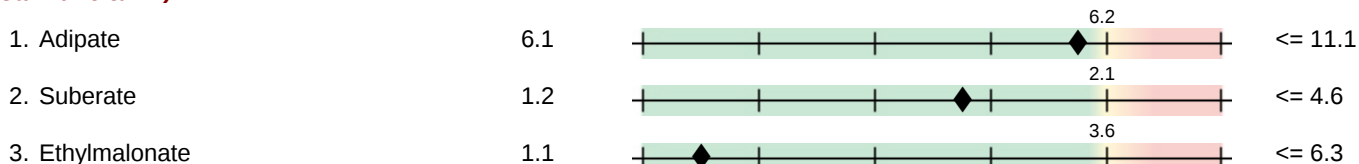


95% Reference Range

Nutrient Markers

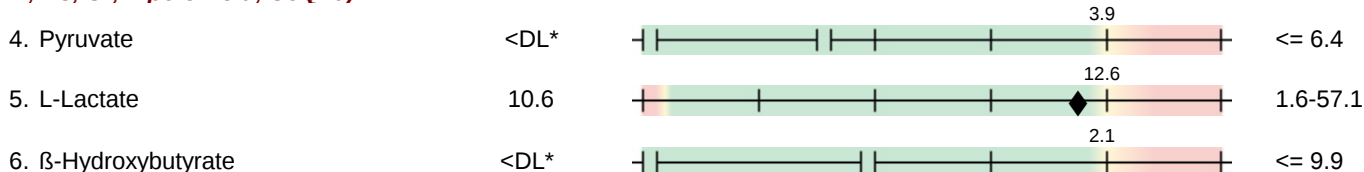
Fatty Acid Metabolism

(Carnitine & B2)



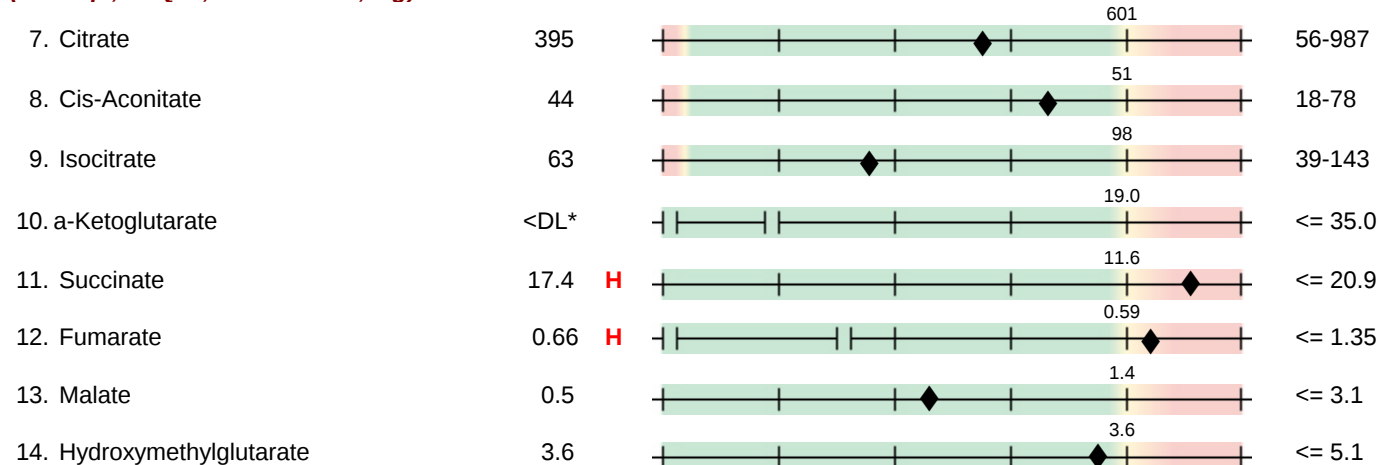
Carbohydrate Metabolism

(B1, B3, Cr, Lipoic Acid, CoQ10)



Energy Production (Citric Acid Cycle)

(B comp., CoQ10, Amino acids, Mg)



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95% Reference Range

Nutrient Markers

B-Complex Vitamin Markers

(B1, B2, B3, B5, B6, Biotin)

15. a-Ketoisovalerate	0.09		0.25	<= 0.49
16. a-Ketoisocaproate	0.05		0.34	<= 0.52
17. a-Keto-β-methylvalerate	0.12		0.38	<= 1.10
18. Xanthurenate	0.62 H		0.34	<= 0.46
19. β-Hydroxyisovalerate	4.6		7.6	<= 11.5

Methylation Cofactor Markers

(B12, Folate)

20. Methylmalonate	1.3		1.7	<= 2.3
21. Formiminoglutamate	<DL*		1.2	<= 2.2

Cell Regulation Markers

Neurotransmitter Metabolism Markers

(Tyrosine, Tryptophan, B6, antioxidants)

22. Vanilmandelate	2.2		1.6 3.9	1.2-5.3
23. Homovanillate	9.1 H		1.9 5.7	1.4-7.6
24. 5-Hydroxyindoleacetate	2.1		2.1 5.6	1.6-9.8
25. Kynurenate	0.3		1.0	<= 1.5
26. Quinolinatate	2.5		4.0	<= 5.8
27. Picolinatate	2.8		8.0	2.8-13.5

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95% Reference Range

Toxicants and Detoxification

Detoxification Indicators

(Arg, NAC, Met, Mg, antioxidants)

28. 2-Methylhippurate	0.087	H	0.084	<= 0.192
29. Orotate	0.29		0.69	<= 1.01
30. Glucarate	2.8		6.3	<= 10.7
31. a-Hydroxybutyrate	<DL*		0.3	<= 0.9
32. Pyroglutamate	34		59	28-88

Creatinine = 200 mg/dL

<DL = less than detection limit

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Supplement Recommendation Summary

With knowledge of a patient's full medical history and concerns, the Organix Comprehensive Profile laboratory results may be used to help healthcare professionals create an individually optimized nutritional support program. Based strictly on the results from this test, the summary table below shows estimates of nutrient doses that may help to normalize nutrient-dependent metabolic functions.

Customized Vitamin and Mineral Formulation

Nutrients listed in this section are normally contained in a multi-vitamin preparation. "Base" amounts may be used to ensure health even when no abnormalities are found.

Customized preparations of the multi-vitamin/mineral formula shown below may be produced by compounding pharmacies.

Nutrient	Daily Amounts	
	Base	Units Added
Vitamin A*	2500 IU	
B-Carotene*	5500 IU	
Vitamin C	250 mg	500 mg
Vitamin D*	400 IU	
Vitamin E	100 IU	200 IU
Vitamin K*	100 mcg	
Thiamin (B1)	5 mg	
Riboflavin (B2)	5 mg	10 mg
Niacin (B3)	25 mg	
Pyridoxine (B6)	15 mg	80 mg
Folic Acid (or 5-Methyl-THF)	400 mcg	
Vitamin B12	50 mcg	
Biotin	100 mcg	
Pantothenic Acid (B5)	25 mg	
Calcium citrate	500 mg	
Iodine*	75 mcg	
Magnesium	250 mg	
Zinc*	15 mg	
Selenium	100 mcg	50 mcg
Copper	1 mg	
Manganese*	5 mg	
Chromium	200 mcg	
Molybdenum*	25 mcg	
Boron*	1 mg	

* Nutrients with an asterisk are not modified based on the Organix test results.

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Other Items Indicated for Individual Supplementation

Various conditionally essential nutrients and other potentially beneficial interventions appear in this section only if relevant abnormalities are present. These ingredients are not included in the customized vitamin formula on the previous page.

Nutrient	Amount
Coenzyme Q10	60 mg
Glycine	3000 mg