



Metabolomix+



Metabolomix+: A Non-Invasive Personalized Assessment

Benefits of Nutritional Testing



Disease Prevention
and Management



Increase Energy



Mental Wellness

Comprehensive

- Provides a targeted assessment of Oxidative Stress, Organic Acids, Amino Acids, and the option of additional Essential & Metabolic Acids, Toxic and Nutrient Elements, plus Genomics
- Examines imbalances by functional categories: Malabsorption and Dysbiosis, Cellular Energy, Neurotransmitters, Vitamins, Toxin and Detoxification
- Evaluates direct and functional biomarkers for nutritional needs in a simple at-home collection

Clinically Insightful

- Identifies complex nutritional insufficiencies that may underlie chronic conditions
- Informs a treatment plan based on a patient's nutritional assessment
- Provides insight to optimize health

Intuitive

- Colorimetric reporting to highlight key areas of need
- Personalized supplementation plan to guide treatment
- Interpretation-at-a-Glance pages for practical application

Visit www.gdx.net to learn more
and order collection packs

GENOVA
DIAGNOSTICS®

GENOVA DIAGNOSTICS
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Metabolomix+

Patient: **SAMPLE PATIENT**
DOB: _____
Sex: _____
MRN: _____

3200 Metabolomix+ - FMV Urine

Metabolomix+ Results Overview

Normal	Borderline	High Need	Supplementation for High Need
Antioxidants Vitamin A / Carotenoids Vitamin C Vitamin E / Tocopherols CoQ10			α-Lipoic Acid - Dose = 200 mg
B-Vitamins Thiamin - B1 Niacin - B3 Pyridoxine - B6 Folate Acid - B9			
Minerals Manganese Molybdenum Zinc			

SUGGESTED SUPPLEMENT SCHEDULE

Supplements	Daily Recommended Intake (DR)	Patient's Daily Recommendations	Provider Daily Recommendations
Vitamin A / Carotenoids	2,333 IU	5,000 IU	
Vitamin C	75 mg	200 mg	
Vitamin E / Tocopherols	22 IU	200 IU	
α-Lipoic Acid		200 mg	
CoQ10		20 mg	
B-Vitamins			
Thiamin - B1	1.1 mg	10 mg	
Riboflavin - B2	1.1 mg	10 mg	
Niacin - B3	14 mg	50 mg	
Pyridoxine - B6	1.3 mg	25 mg	
Biotin - B7	30 mcg	100 mcg	
Folate Acid - B9	400 mcg	800 mcg	
Cobalamin - B12	2.4 mcg	500 mcg	
Minerals			
Magnesium	320 mg	800 mg	
Manganese	13 mg	7.5 mg	
Molybdenum	45 mcg	75 mcg	
Zinc	8 mg	25 mg	
Digestive Support			
Probiotics		10 billion CFU	
Enzymatic Enzymes		10,000 IU	
Other Vitamins			
Vitamin D	600 IU		
Amino Acid	mg/day	Amino Acid	mg/day
Arginine	850	Methionine	520
Asparagine	1,000	Phenylalanine	800
Cysteine	570	Serine	1,850
Glutamine	3,072	Taurine	1,250
Glycine	4,200	Threonine	1,010
Histidine	1,200	Tryptophan	500
Isoleucine	500	Tyrosine	880
Leucine	2,025	Valine	1,210
Lysine	2,000		

Recommendations for age and gender specific supplementation are set by comparing levels of nutrient functional need to optimal levels as described in the panel reference literature. They are provided as guidance for client care support of nutritional deficiencies only.

The Suggested Supplemental Schedule is provided at the request of the ordering practitioner. Any application of it as a therapeutic intervention is to be determined by the ordering practitioner.

Key: Normal (Green), Borderline (Yellow), High Need (Red)

Interpretation At-A-Glance

Nutritional Needs

Antioxidants

Vitamin A / Carotenoids: 3,000 IU (Normal), 5,000 IU (Borderline), 10,000 IU (High Need)

Vitamin C: 250 mg (Normal), 500 mg (Borderline), 1,000 mg (High Need)

Vitamin E / Tocopherols: 100 IU (Normal), 200 IU (Borderline), 400 IU (High Need)

α-Lipoic Acid: 50 mg (Normal), 100 mg (Borderline), 200 mg (High Need)

CoQ10: 30 mg (Normal), 60 mg (Borderline), 90 mg (High Need)

Glutathione: 30 mg (Normal), 60 mg (Borderline), 90 mg (High Need)

Essential Amino Acids

Metabolomix+ is a urinary nutritional evaluation that includes key organic acids and amino acids to evaluate the functional need for antioxidants, B-vitamins, minerals, digestive support, and amino acids.

Can Assist Evaluation of:

- Fatigue
- Mood Disorders
- Health Optimization/Dietary Guidance
- Athletic Performance
- Weight Issues
- Digestive Complaints

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Solutions for Chronic Conditions

Every patient is different.

Genova Diagnostics' laboratory tests are designed to assess the contributing factors for a particular condition or clinical presentation. Our unique multiple biomarker synthesis provides you with a comprehensive perspective of your patients' health and wellness.

Non-invasive add-on tests include:

- Bloodspot Essential & Metabolic Fatty Acids
- Toxic Element Clearance Profile (Urine)
- Comprehensive Urine Element Profile (Urine)
- Genomic Markers
 - » APO E
 - » MTHFR (Combined A1298C & C677T)
 - » TNF-α
 - » COMT (V158M)

Comprehensive analysis with actionable results



Support & Education
Client Services and Medical Education Specialists are available to assist you with test questions, result status, and interpretation.
Or learn more online at www.gdx.net



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