

5894 Shiloh Rd, Ste 101 | Alpharetta GA 30005 877.485.5336 **Patient: Sample Patient**

Collected: 12/3/2021 DOB: 5/11/1975

Sex: Male

Accession: OMXTest13

Received: 12/3/2021 Completed: 12/7/2021

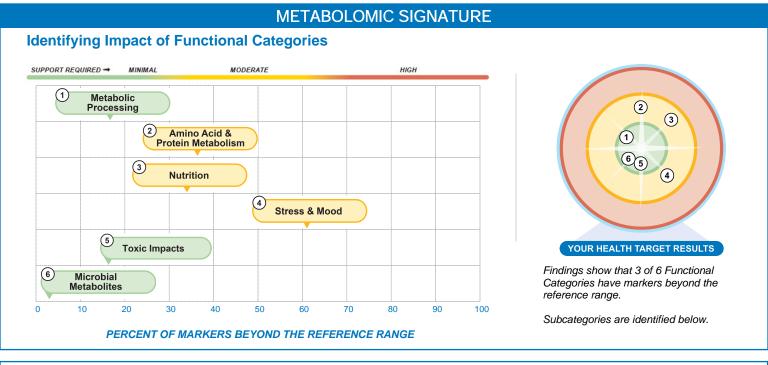
Ordered by: Diagnostic Solutions Lab

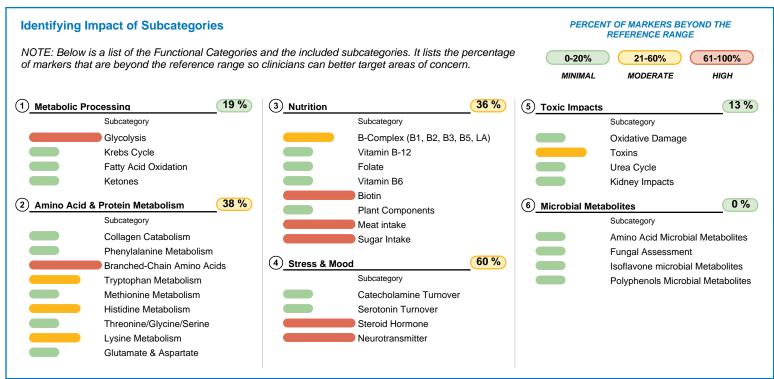


METHODOLOGY: LC-MS/MS - OMX Urine

YOUR PERSONALIZED REPORT

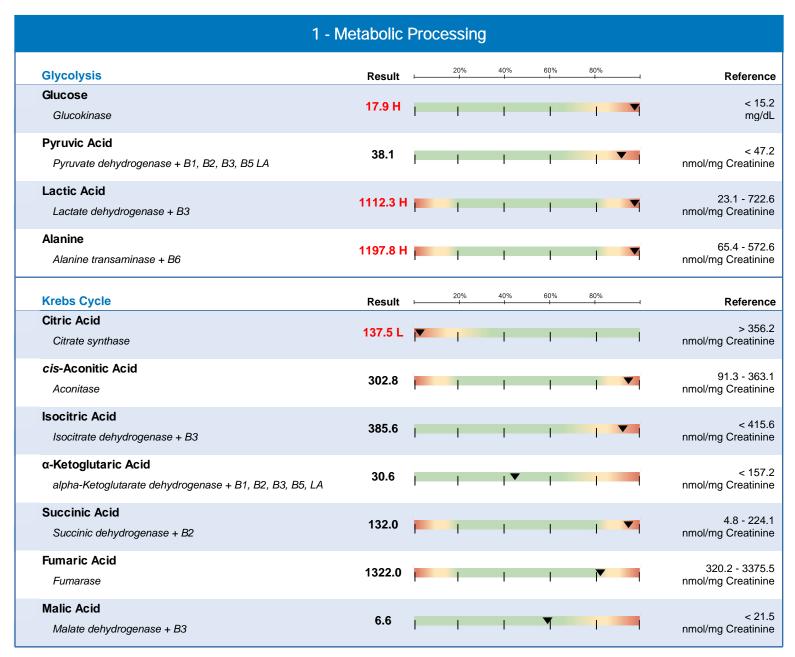
The charts on this page are designed to give you a bird's-eye-view of your current metabolic signature and help you get a general preview of the detailed report found on the following pages.





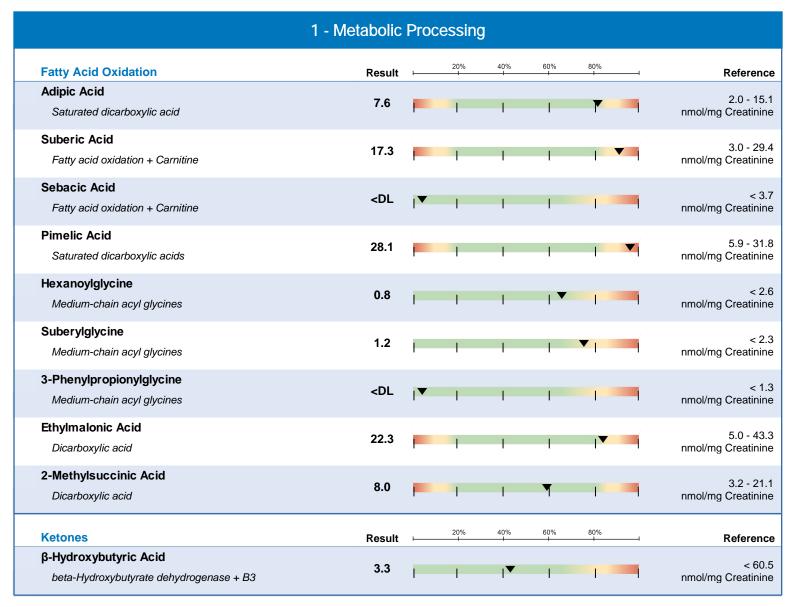


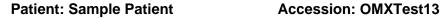




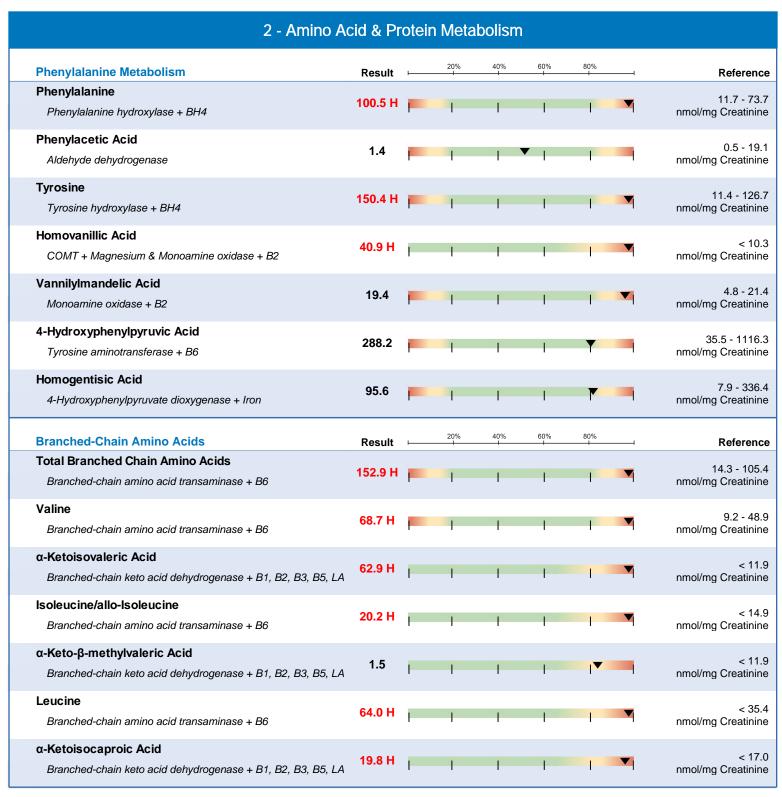






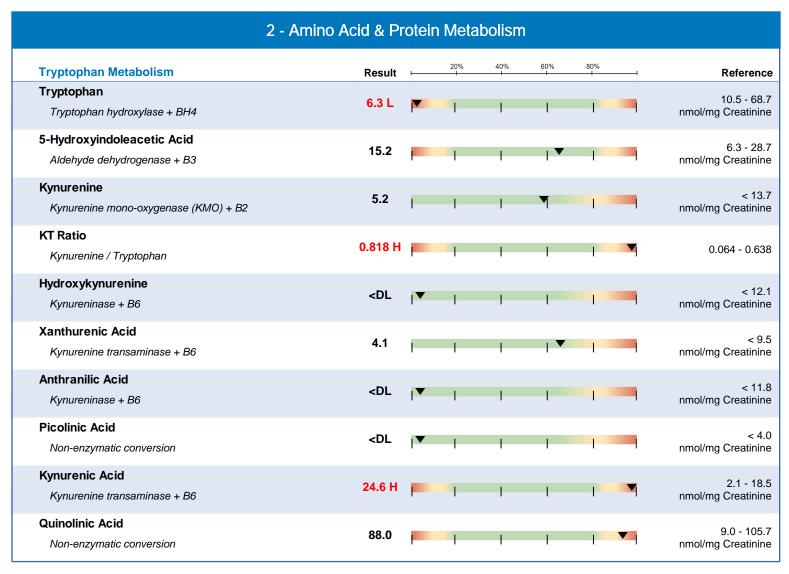






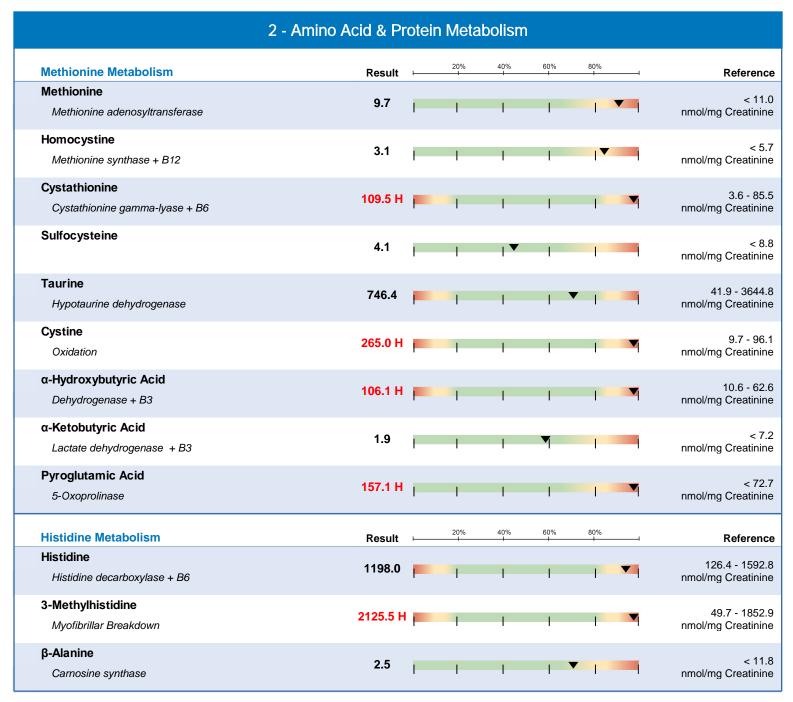






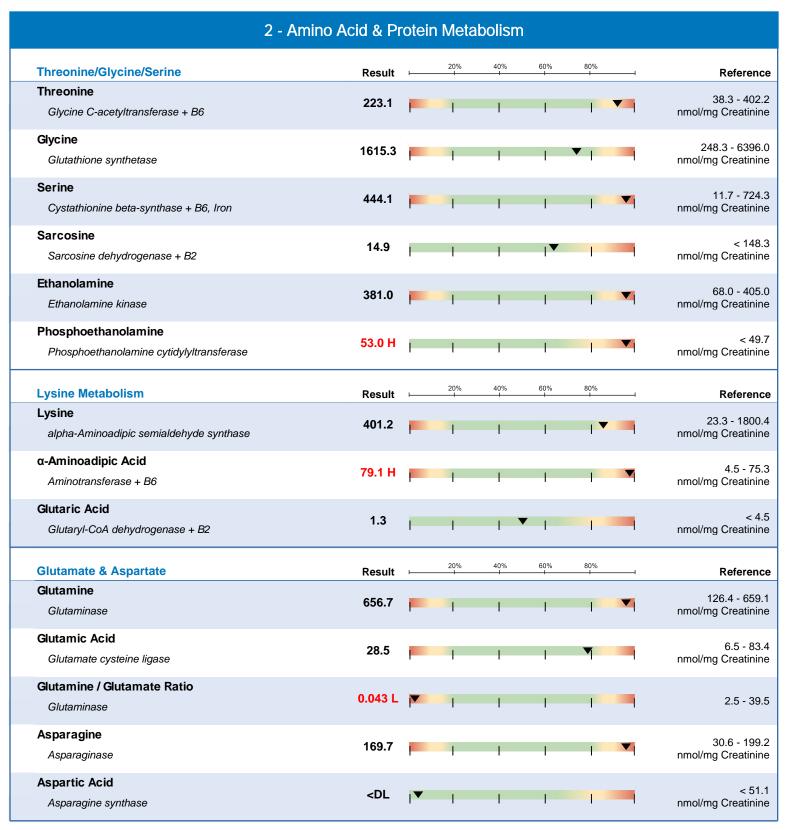


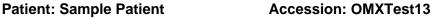




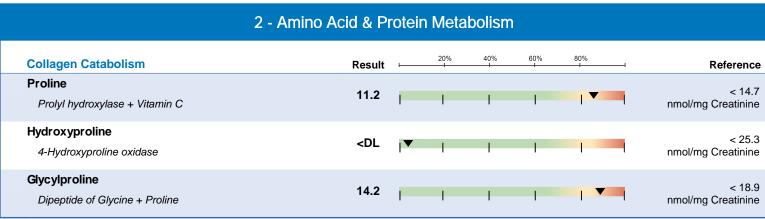




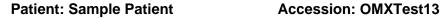










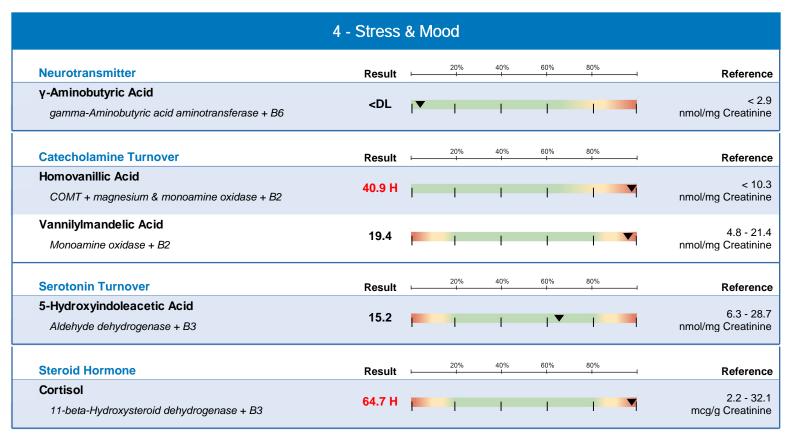


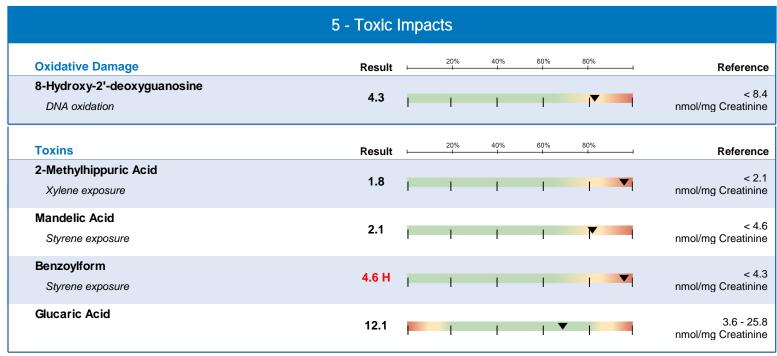












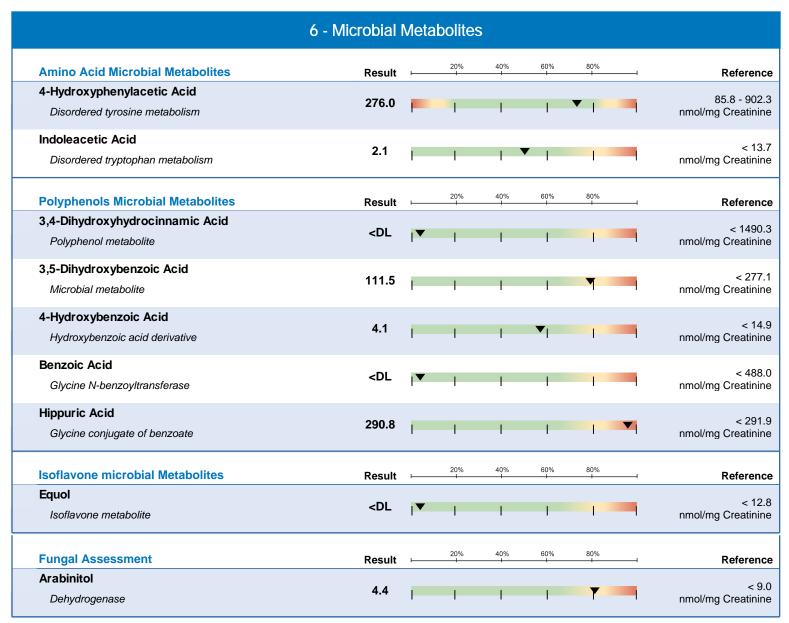












Patient: Sample Patient Accession: OMXTest13



PERSONALIZED METABOLOMIC RECOMMENDATIONS

Note: Nutrient supplementation is up to the treating clinician's discretion with full understanding of the patient's medical history and current clinical condition.

MICRONUTRIENTS	Support Required	Recommendations	Food Sources
B-Complex	None	No Additional Support	Mixed diet
Thiamin (B1)	Moderate	20 mg	Rice, wheat germ, lentils, peas, pork, whole wheat bread, spinach
Riboflavin (B2)	None	1.3 mg*	Milk, almonds, eggs, salmon, chicken, broccoli, spinach
Niacin (B3)	None	16 mg*	Chicken, tuna, turkey, cereal, peanuts, lentils, coffee
Cobalamine (B12)	None	2.4 mcg*	Clams, mussels, mackerel, crab, beef, salmon, milk, eggs
Folate (B9)	None	400 mcg DFE*	Lentils, garbanzo beans, spinach, asparagus, lima beans, orange juice
Biotin (B7)	High	1000 mcg	eggs, liver, salmon, avacado, raspberries, cauliflower, bread
CoQ10	Moderate	60+ mg	Beef, herring, chicken, canola oil, Rainbow trout, peanuts, pistachio nuts, brocolli
Magnesium	None	420 mg*	Beef, pork, milk, cod, chicken, avocado
Carnitine	None	10+ mg	Beef, pork, milk, cod, chicken, avocado
Copper	None	0.9 mcg	Eastern oysters, crab meat, clams, cashews, sunflowers, hazelnuts, almonds

^{*} DV or Daily Values, are the recommended amounts of nutrients per day for a healthy, non-deficient adult.

PROTEIN	Findings	Suggested Recommendation
Phenylalanine	High	Increases in protein can impact results; check catecholamine turnover; Evaluate risk of diabetes, mood disorders
Isoleucine/allo-Isoleucine	High	Represents protein intake 24-48 hrs before collection; consider metabolic conditions and BMI; check B6 need and alpha-ketoglutaric acid
Leucine	High	Represents protein intake 24-48 hrs before collection; consider metabolic conditions; check B6 and alpha- ketoglutaric acid
Valine	High	Represents protein intake 24-48 hrs before collection; consider metabolic conditions and BMI; check B6 need and alpha-ketoglutaric acid
Tryptophan	Low	Assess calorie and protein intake; evaluate digestion; check inflammation, kidney function and mood disorders; check pathways (kynurenine, serotonin, indoles)
Methionine	Adequate	No Additional Support
Threonine	Adequate	No Additional Support
Lysine	Adequate	No Additional Support
Histidine	Adequate	No Additional Support
Arginine	Adequate	No Additional Support
Glycine	Adequate	No Additional Support
Taurine	Adequate	No Additional Support

ADDITIONAL SUPPORT	Support Required	Suggested Recommendation
Glutathione Need	None	No Additional Support
Inflammation	None	No Additional Support
Liver Parameters	None	No Additional Support
Kidney Parameters	None	No Additional Support