

Genova ONE Profile

ONE (Optimal Nutritional Evaluation) nutritional test helps to give an understanding of individual diet and supplementation needs, and offers a personalized functional nutrition assessment covering Antioxidants, B Vitamins, Digestive Support, and Minerals.

Nutritional deficiencies can be a factor of many complex chronic conditions, and ONE utilises an easy first-morning urine collection to provide nutritional recommendations based on a patient's individual nutritional test results. Clinicians commonly use such nutritional testing to determine the nutritional deficiencies that are at the root of chronic conditions.

Using an easy-to-collect, first-morning urine sample, the ONE nutritional test gives physicians a better understanding of patients' diet and nutritional deficiencies. By combining testing in 4 key areas of core nutrients, physicians are offered a depth of insight into a patient's overall nutritional status unrivalled in the industry.

Genova Diagnostics has created an enhanced nutritional test report that synthesises the results of nearly 80 individual biomarkers into one, easy-to-interpret overview, as well as a personalised patient supplementation schedule.

The ONE Profile covers:

- **Metabolic Analysis Profile:** Assessment provides information on 45 key organic acids. These biomarkers are grouped into easy-to-understand categories, and provide insight for functional support in the areas of: malabsorption and dysbiosis; cellular energy & mitochondrial metabolism; neurotransmitter metabolism; vitamin deficiencies; and toxin exposure & detoxification need.
- **Amino Acids Analysis:** Features either plasma (37 total) or urine (41 total) amino acids. This assesses nutritionally essential and non-essential amino acids, as well as intermediary metabolites that augment an understanding of B vitamin need, and need for support of protein digestion & absorption.
- **Oxidative Stress:** Biomarkers highlight the body's current state of oxidative stress and reserve capacity. Markers of oxidative injury assess cell membrane (lipid peroxides) and DNA (8-hydroxydeguanosine/8-OHdG) damage, while direct measurement of

glutathione and CoQ10 provide insight into antioxidant reserve available to counter free radical impact.

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SYMPTOMS & CHRONIC CONDITIONS RELATED TO NUTRITIONAL DEFICIENCIES

Mood disorders – anxiety, depression	Sleep disturbances
Fibromyalgia	Chronic Fatigue Syndrome
Fatigue	Optimised health and sports fitness

Genova ONE Profile (blood & urine) [4048]

- Organic Acids profile, Amino acids profile, 8OHdG

Other similar tests available

- **Genova ION Profile (blood & urine) [4046]:** Organic Acids profile, Amino Acids profile, 8OHdG, Fatty acid profile, Homocysteine, CoQ10, Vit A, β -carotene, 25OH Vit D3 & Vit D2, α -tocopherol, γ -tocopherol, Mg, K, Zn, Cu, Se, Ca, Al, As, Cd, Pb, Hg
- **Genova CardiolON Profile (blood & urine) [4047]:** Organic Acids profile, Amino Acids profile, 8OHdG, Fatty acid profile, Homocysteine, CoQ10, Vitamin A, β -carotene, 25OH Vit D3 & Vit D2, α -tocopherol, γ -tocopherol, Mg, K, Zn, Cu, Se, Ca, Al, As, Cd, Pb, Hg; Cholesterol, Triglycerides, HDL, LDL, ratios, Ferritin, Fibrinogen, hsCRP, Insulin, Testosterone, SHBG, FAI
- **Genova NutrEval Profile (blood & urine) [4049]:** Organic Acids profile, Amino acids profile, 8OHdG, Fatty acid profile; Vit A, Vit C, Vit E, ALA, CoQ10, GSH, B1, B2, B3, B5, B6, B7, B9, B12; Mg, K, Zn, Cu, Se, Mn; Sb, Sn, As, Cd, Pb, Hg

How to order a test kit:

To order a test kit simply request the test name or test code on a NutriPATH request form and have the patient phone **NutriPATH Customer Service** on **1300 688 522**.