

Urinary Metabolic Profile Test Items

Macronutrient Metabolites – Energy Production Assessment

Glycolysis	{	Pyruvate, Lactate
Citric Acid Cycle	{	Citrate, cis-Aconitate, Isocitrate, Alpha-Ketoglutarate, Succinate, Fumarate, Malate
Fatty Acid Oxidation	{	Adipate, Suberate, Ethylmalonate, Methylsuccinate
Ketone	{	Alpha-Hydroxybutyrate, Beta-Hydroxybutyrate

Cofactor Need markers – Vitamin, Mineral and Cofactors sufficient markers

Alpha-Ketoisovalerate, Alpha-Ketoisocaproate, Alpha-Keto-Beta-Methylvalerate, Beta-Hydroxyisovalerate, Methylmalonate, Kynurenate, Hydroxymethylglutarate

Neurotransmitter Metabolism – Central Nervous System Assessment

Vanilmandelate, Homovanillate, 5-Hydroxyindoleacetate, Quinolininate

Detoxification Markers – Indication of oxidative stress and antioxidant sufficiency

Para-Hydroxyphenyllactate, Orotate, Pyroglutamate, Benzoate, Hippurate

Bacterial Metabolism – Specific dysbiosis markers for bacteria and fungus

Para-Hydroxybenzoate, Para-Hydroxyphenylacetate, 2-Hydroxyphenylacetate, 3-Indoleacetate, Tricarballic acid

Source and lab test service provider: HK Biotek

Enquiry

Ms Yolanda Che

Welspring

3622-1287 (after 12noon)

info@welspring.hk

room 303, keen hung commercial building,

80 queen's road east, wanchai, hong kong