

Enhanced Basic Panel

Practitioner Name: Test Doctor
Patient Profile: TestSample

Functional Area	SNP	SNP Name	Function	Support Level
Bone Health	<u>VDR</u>	Vitamin D Receptor	Bone Mineral Density	Basic Support
Detoxification	<u>EPHX</u>	Microsomal Epoxide Hydrolase	Detoxifies epoxides	Added Support
Healthy Blood Pressure	<u>CYP11B2</u>	Aldosterone Synthase (Cyto 450)	Regulates Blood pressure via kidney and fluid balance	Added Support
Lipid Metabolism	<u>APOB</u>	Apolipoprotein B	Main lipoprotein of chylomicrons and LDL. Forms disulfide complex with Lp(a)	Maximum Support
Neurological and Cardiovascular Health, Oxidative Stress	<u>NQO1</u>	NAD (P)H:quinone oxidoreductase	CoQ10 Conversion	Added Support
Oxidative Stress	<u>GPX1</u>	Glutathione Peroxidase	Eliminates hydrogen peroxide	Basic Support
Oxidative Stress	<u>SOD2</u>	Mangenesse Superoxide Dismutase	Eliminates oxygen free radicals	Added Support
Photo-Aging / CT	<u>MMP-1</u>	Matrix Metalloproteinase	Collagen Breakdown	Added Support
Vascular Integrity	<u>MTHFR</u>	Methylenetetrahydrofolate Reductase	Reduces homocysteine	Basic Support
Vascular Integrity	<u>MTRR</u>	Methionine Synthase Reductase	Enzyme involved in homocysteine management	Maximum Support
Vascular Integrity	<u>PON-1</u>	Parioxonase-1	Hydrolyzes oxidized phospholipids	Basic Support
Vascular Integrity	<u>TNF-a</u>	Tumor Necrosis Factor-alpha	Multifunctional, proinflammatory cytokine with effects on many systems	Added Support

- -	Homozygous Negative Neither chromosome carries the SNP
Basic Support	
+ -	Heterozygous Positive One chromosome carries the SNP
Added Support	
+ +	Homozygous Positive Both chromosomes carry the SNP
Maximum Support	

Based on your personal SNP profile, nutritional or lifestyle-change support is recommended at three levels:

Basic Support:

No ineffective SNPs were discovered in this area. In accordance with the Journal of the American Medical Association (JAMA) and the Council for Responsible Nutrition, basic nutritional supplementation is recommended. (Coded Green)

Added Support:

The client has received the ineffective SNP from one parent only and will benefit from moderate levels of nutritional support and lifestyle interventions. (Coded Yellow)

Maximum Support:

The client has received the ineffective SNP from both parents and will benefit from maximum levels of nutritional support and lifestyle interventions. (Coded Red)