
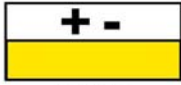
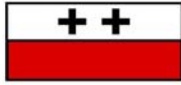


Enhanced Basic Panel

Practitioner Name: **Dr. Anderson**
 Patient Profile: **06030009999**

Functional Area	SNP	SNP Name	Function	Support Level
Bone Health	VDR	Vitamin D Receptor	Bone Mineral Density	Basic Support
Bone Health	COL1A1	Collagen 1, Alpha	Bone Mineral Density	Maximum Support
Detoxification	EPHX	Microsomal Epoxide Hydrolase	Detoxifies epoxides	Maximum Support
Oxidative Stress	SOD2	Manganese Superoxide Dismutase	Eliminates oxygen free radicals	Basic Support
Oxidative Stress	GPX1	Glutathione Peroxidase	Eliminates hydrogen peroxide	Added Support
Photo-Aging / CT	MMP-1	Matrix Metalloproteinase	Collagen Breakdown	Added Support
Vascular Integrity	MTRR	Methionine Synthase Reductase	Enzyme involved in homocysteine management	Basic Support
Vascular Integrity	TNF-a	Tumor Necrosis Factor-alpha	Multifunctional, proinflammatory cytokine with effects on many systems	Basic Support
Vascular Integrity	MTHFR	Methylenetetrahydrofolate Reductase	Reduces homocysteine	Maximum Support
Vascular Integrity	PON-1	Parionoxase-1	Hydrolyzes oxidized phospholipids on HDLs	Added Support
Healthy Blood Pressure	CYP11B2	Aldosterone Synthase (Cyto 450)	Regulates Blood pressure via kidney and fluid balance	Maximum Support
Lipid Metabolism	APOB	Apolipoprotein B	Main lipoprotein of chylomicrons and LDL. Forms disulfide complex with Lp(a)	Added Support

	<p>Homozygous Negative Neither chromosome carries the SNP</p>
<p>Basic Support</p>	
	<p>Heterozygous Positive One chromosome carries the SNP</p>
<p>Added Support</p>	
	<p>Homozygous Positive Both chromosomes carries the SNP</p>
<p>Maximum Support</p>	

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 life style 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 life style interventions. (Coded Red)