

Leonardi Institute

MEDSTART Blood Tests

a. Complete Blood Cell Count

b. Chemistry, Metabolic & Lipid Panel including:

A/G Ratio	Glucose
Albumin, Serum	HDL Cholesterol, Serum
Alkaline Phosphatase, Serum	LDH, Serum
ALT (SGPT)	LDL Cholesterol, Serum
AST (SGOT)	Magnesium, RBC
Bilirubin, Direct	Magnesium, Serum
Bilirubin, Indirect	Phosphorus, Serum
Bilirubin, Total	Potassium, Serum
BUN	Protein, Total Serum
BUN/Creatinine Ratio	Sodium, Serum
Calcium, Serum	Total Cholesterol, Serum
Chloride, Serum	Triglycerides, Serum
Coronary Risk Ratio	Urea Nitrogen, Serum
Creatinine, Serum	Uric Acid, Serum
GGTP	VLDL Cholesterol, Cal
Globulin, Serum	

c. Hormone Panel (for men) including:

Cortisol
DHEA-Sulfate
Dihydrotestosterone
Estradiol
IGF-1
Insulin
Luteinizing Hormone (LH)
PSA (Prostate Specific Antigen)
Testosterone, Total and Free
Thyroid Hormones (Free T3, Free T4, TSH)

Hormone Panel (for women) including:

Cortisol
DHEA-Sulfate
Estradiol
IGF-1
Insulin
Luteinizing Hormone (LH)
FSH (Follicle Stimulating Hormone)
Progesterone
Testosterone Total and Free
Thyroid Hormones (Free T3, Free T4, TSH)

d. Additional Coronary Heart Disease Risk Factors:

C-Reactive Protein (CRP)
Ferritin, Serum
Hemoglobin A1c
Homocysteine
Lipoprotein (a)
Lipoprotein Profile Measured By **NMR**
(**Nuclear Magnetic Resonance**) *

* The NMR Lipoprotein Profile tells us your LDL lipoprotein particle number and size as well as the number of small LDL and total HDL particles. This is the state-of-the-art lipoprotein profile for true coronary heart risk. It is estimated that the standard lipid profile will fail to detect up to 69% of those at high risk. This is part of the reason 28% of Americans still die of coronary disease.

e. 25-hydroxy vitamin D level

f. Urinalysis