CardioBaseline

MARKERS LIST

A focused assessment of lipids and sterols, glucose and insulin regulation, liver and kidney function, endothelial function, inflammation, plaque-related markers, and omega fatty acids. Results provide a measured starting point for evaluating cardiovascular risk and can help providers identify when broader investigation may be useful.

METABOLIC RISK

GLUCOSE REGULATION

- HbA1c
- Glucose
- Fructosamine

INSULIN RESISTANCE

- C-Peptide
- Insulin
- HOMA-IR
- Adiponectin

METABOLIC FACTORS

- TMAO
- L-Carnitine
- Ferritin
- Leptin

ELECTROLYTES

- Sodium
- Potassium
- Chloride
- Carbon Dioxide
- Calcium

LIVER FUNCTION

- ALT
- AST
- GGT
- Bilirubin (Total)
- Total Protein
- ALP
- Albumin

KIDNEY FUNCTION

- BUN
- Creatinine
- eGFR
- BUN / Creatinine Ratio
- Serum Osmolality
- Uric Acid
- Cystatin C

VITAMINS & COFACTORS

- Vitamin D, 25-OH
- Coenzyme Q10 (CoQ10)

ENDOTHELIAL DYSFUNCTION

VASODILATION

- Arginine
- Citrulline
- Homoarginine
- Choline

NITRIC OXIDE INHIBITORS

- ADMA
- SDMA

ENDOTHELIAL RATIOS

- Arginine / ADMA
- Arginine / SDMA
- Homoarginine / ADMA
- Homoarginine / SDMA

LIPIDS AND STEROLS

ATHEROGENIC PARTICLES

- Apolipoprotein B
- Lp(a)
- Non-HDL-C

LIPID RATIOS

- TC / HDL
- TG / VLDL-C
- ApoB / ApoA-1
- TG / HDL

LDL CHOLESTEROL

- LDL Direct
- LDL Calculation
- sdLDL

HDL CHOLESTEROL

- HDL Direct
- Apolipoprotein A-1

TRIGLYCERIDES

- Triglycerides (TG)

TOTAL CHOLESTEROL

- Total Cholesterol (TC)

CHOLESTEROL SYNTHESIS

- Desmosterol
- Lathosterol

CHOLESTEROL ABSORPTION

- Beta-Sitosterol
- Campesterol

INFLAMMATION

INFLAMMATORY MARKERS

- hsCRP
- Homocysteine

INFLAMMATORY CYTOKINES

- IL-6

PLAQUE & MACROPHAGE

PLAQUE ACTIVITY

- MPO
- PLAC (Lp-PLA2)
- oxLDL

OMEGA FATTY ACIDS

OMEGA-3

- EPA
- DPA
- DHA
- Omega-3 Total
- Omega-3 Index

OMEGA-6

- Arachidonic Acid (AA)
- Linoleic Acid (LA)
- Omega-6 Total

OMEGA RATIO

- AA / EPA