NEW!

Comprehensive Cardiovascular Risk Profile

DOCTOR'S DATA INC.

SCIENCE + INSIGHT

Prevalence of Cardiovascular Disease

Each year, cardiovascular disease (CVD) is associated with more deaths than all cancers—and more deaths in women than breast cancer. Unfortunately, diagnosis is typically made in the advanced stages of the disease, after it has progressed for decades. Even though CVD appears to involve a strong familial component, early detection and reduction of risk factors are exceedingly important.

This Comprehensive Cardiovascular Risk Profile provides extensive evaluation of biomarkers of abnormal lipoprotein metabolism, inflammation, coagulation, glomerular filtration and glucose homeostasis, as well as the status of magnesium, iron and key antioxidants.

Risk Factors and Analysis

Lipoprotein-Related Biomarkers

Total and LDL cholesterol, total triglycerides and HDL cholesterol have traditionally been measured to gauge CVD risk. However, recent research indicates that more focused biomarkers can provide even greater insight. For example, oxidized LDL and small dense LDL have been found to be higher in CVD patients and correlated with the severity of CVD. In addition, levels of apolipoproteins A-1 and B, specific protein constituents of HDL and LDL, are also strong indicators of risk.

Inflammation

Arterial damage is associated with the infiltration of white cells into vessel walls and inflammation, which increases blood levels of two acute phase proteins, C-reactive protein and ferritin. Although not specific to CVD, analysis of these two proteins is valuable in assessing CVD risk.

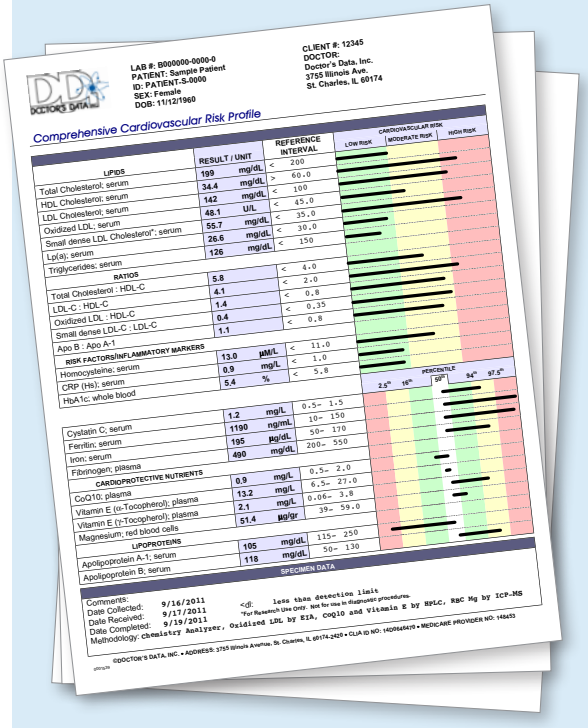
Oxidative Stress, Glomerular Filtration and Blood Glucose

Because oxidative stress is a component of CVD, the Comprehensive Cardiovascular Risk Profile measures plasma levels of three primary antioxidants—coenzyme Q10 and α- and γ- tocopherol. The test also looks for elevated serum homocysteine, which has long been established as a risk factor. Finally, long-term blood glucose homeostasis and glomerular filtration assessments round out the battery of risk factors analyzed.

Gain valuable insight into your patients' risk of CVD.

For this and other assessments, contact Doctor's Data, Inc. today.

Comprehensive Cardiovascular Risk Profile



- Assessment of 17 primary and secondary risk factors
- Ratios of atherogenic to anti-atherogenic lipids, lipoproteins and apolipoproteins
- Requires only a single overnight fasting blood draw
- Includes patient-friendly results and commentary

Results are presented in a clear, easy-to-understand report which details target ranges and graphically illustrates areas of elevated risk.