



CARDIOVASCULAR PROFILE – COMPREHENSIVE - Test Code 4001



Turnaround Time : 7-10 Business days



Specimen Type:
Cardiovascular Kit

Description

The Comprehensive Cardiovascular Profile is designed to evaluate multiple key markers related to heart health. This profile measures cholesterol levels, including total cholesterol, low-density lipoprotein (LDL), high-density lipoprotein (HDL), and triglycerides, providing crucial insights into your lipid profile and overall cardiovascular risk (Parhofer & Laufs, 2023). In addition to lipid levels, the test assesses fasting glucose, which helps determine the risk of diabetes, a significant factor in cardiovascular disease. Homocysteine levels are also measured, as elevated levels can indicate an increased risk of heart problems (Yuan et al., 2023). The profile further includes apolipoproteins A and B, which provide insights into the risk of atherosclerosis, and Lipoprotein (a), a genetic marker associated with cardiovascular events (Parhofer & Laufs, 2023). Fibrinogen levels indicate the blood's tendency to clot, while high-sensitivity C-reactive protein (hsCRP) is a marker of inflammation that can signify an increased risk of cardiovascular disease.

By evaluating these comprehensive markers, healthcare providers can develop targeted strategies to manage cardiovascular health effectively. If you have risk factors for heart disease or are concerned about your cardiovascular health, this profile can offer valuable insights to help you and your healthcare provider make informed decisions for optimal well-being.

Whats included?

- Cholesterol
- Triglycerides
- HDL, LDL, and ratios,
- Fasting Glucose
- Homocysteine
- Apolipoproteins A & B
- Lipoprotein (a)
- Fibrinogen
- hsCRP

Conditions and Symptoms

- Chest pain
- Shortness of breath
- Irregular or rapid heartbeats
- Swelling in legs
- Cold or numb extremities
- Leg pain
- Fatigue

Complementary Testing

- Liposcreen LDL Subfractions (Test code 4028)
- Oxidised LDL (Test code 4029)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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*See NATA and CLIA website for further details