



#### LIPID PROFILE - Test Code 6005



Turnaround Time: 2 business days



Specimen Type: 1x SST Blood (Fasting)

# Description

The Lipid profile is used to measure the levels of "good" (HDL) and "bad" (LDL) cholesterol, as well as triglycerides in the blood. If the results are abnormal or if there is a family history of heart disease, further investigation through advanced lipid testing, such as LDL subfractions, may be necessary (Parhofer & Laufs, 2023). Cholesterol plays a crucial role in bodily functions but elevated levels, particularly of LDL cholesterol, can lead to significant health problems including heart disease, stroke, or atherosclerosis (Parhofer & Laufs, 2023).

For individuals with risk factors such as high blood pressure, obesity, diabetes, or existing heart conditions it is strongly recommended to consider more comprehensive testing, such as NutriPATH's 'Cardiovascular Profile Comprehensive 2' (Test code 4027). This advanced testing is particularly useful in assessing cardiovascular risk more accurately and guiding targeted treatment or preventive measures.

In conclusion, while a basic lipid profile provides essential information for general health screening, advanced lipid testing becomes crucial for individuals with certain risk factors or abnormal test results. This allows for more precise management of cardiovascular risks and contributes to better long-term health outcomes.

#### Whats included?

- Fasting
- High Density Lipoprotein (HDL)
- Low Density Lipoprotein (LDL)
- Risk Ratios
- Total Cholesterol
- Triglycerides

# **Conditions and Symptoms**

- Cardiovascular disease
- High cholesterol
- Heart disease
- Stroke
- Atherosclerosis

### **Complementary Testing**

Cardiovascular Profile Comprehensive 2 (Test code 4027)

#### **Accreditations Include:**

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





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