



# Lipids

**Synonyms**

**Clinical Indication**

Assessment of coronary heart disease risk and monitoring of treatment for hyperlipidaemia.

**Part of Profile / See Also**

Total Cholesterol  
HDL Cholesterol  
LDL Cholesterol  
Total: HDL Cholesterol Ratio  
Triglycerides  
NHDL Cholesterol

**Request Form**

Combined Pathology manual Blood form or ICE request

**Availability / Frequency of Analysis**

On request.

**Turnaround Time**

Same day

**Patient Preparation**

Test can be done on a non-fasting or fasting sample

**Sample Requirements**

**Specimen Type**

Serum and plasma

**Volume**

2 ml

**Acceptable Containers**



Yellow top (SST) tube



Green top (lithium-heparin) tube



paediatric orange top (lithium-heparin)



paediatric green top (lithium-heparin)

Plain serum samples may also be used.

**Reference Range & Units**

See individual test pages.

**Interferences**

Patients treated with N-Acetyl Cysteine (NAC) for a Paracetamol overdose may generate a false low result for Cholesterol.

**Interpretation & Clinical Decision Value (if applicable)**

There is generally a consensus that non-HDL cholesterol (total cholesterol minus HDL cholesterol) or the total cholesterol:HDL cholesterol ratio is a better predictor of CHD risk than LDL cholesterol alone.

**References**

NICE Clinical Guideline (CG181) Cardiovascular disease: risk assessment and

reduction, including lipid modification (2014)

**Test code**

LIP. FLIP.

**Lab Handling**

Analysed from primary tube and stored at 4°C.  
Serum and plasma stable for 7 days at 2-8°C.