

Department of Laboratory Medicine  
Reference Ranges for Lab Tests



National  
University  
Hospital

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Lipid Panel

Chol : HDL Ratio

> 4.5 High Risk for CHD

Cholesterol mmol/L

Desirable <5.2 mmol/L  
Borderline high 5.2 - 6.1 mmol/L  
High  $\geq 6.2$  mmol/L

HDL-C mmol/L

Low <1.0 mmol/L  
Desirable 1.0 - 1.5 mmol/L  
High  $\geq 1.6$  mmol/L

LDL-C, calculated mmol/L

Optimal <2.6 mmol/L  
Desirable 2.6 - 3.3 mmol/L  
Borderline high 3.4 - 4.0 mmol/L  
High 4.1 - 4.8 mmol/L  
Very high  $\geq 4.9$  mmol/L

Triglycerides mmol/L

Optimal: <1.7  
Desirable: 1.7 - 2.2  
High: 2.3 - 4.4  
Very high:  $\geq 4.5$

Glucose, Fasting

mmol/L

3 - 6

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