

CHOLESTEROL
– TOTAL,
PLASMA/
SERUM

Orderable – CHOL (also part of LIPIDS)

Turnaround Time: 24 hours

Alternate Name:

Cholesterol

Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer	0-2 years: 0.5 mL Green Microtainer 2-10 years: 3 mL Green top tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable	



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzymatic Colorimetric



Test Schedule:
As required

Collection Information:

12-14 hour fast recommended. Non-fasting specimens acceptable.

Reference Ranges:

<5.20 mmol/L

Total cholesterol and HDL-C are used for risk assessment and to calculate non-HDL-C.

Refer to 2021 CCS guidelines (Pearson et al. reference below) for additional LDL-C and non-HDL-C thresholds based on risk stratification.

References:

- 1) White-AI Habeeb NMA et al. Can J Cardiol. 2022. Online ahead of print. Doi: 10.1016/j.cjca.2022.03.019.
- 2) Pearson GJ et al. Can J Cardiol. 2021. 37(8):1129-1150. Doi: 10.1016/j.cjca.2021.03.016.