

CHOLESTEROL
NON-HDL,
PLASMA/
SERUM

Orderable – LIPIDS

Turnaround Time: 24 hours

Alternate Name(s):

Non-High Density Lipoprotein Cholesterol

Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer tube	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	

Collection Information:

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

Reference Ranges:

<4.20 mmol/L

Non-HDL-C = Total Cholesterol – HDL-C

If non-HDL-C \geq 4.20 mmol/L in primary prevention setting for low risk patients with FRS 5-9.9% or intermediate risk patients, consider therapy. Therapy is also suggested in low risk patients with non-HDL-C \geq 5.80 mmol/L.

If non-HDL-C \geq 2.40 mmol/L in a patient with atherosclerotic cardiovascular disease, treatment intensification is recommended.

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:



Laboratory:
Core Lab



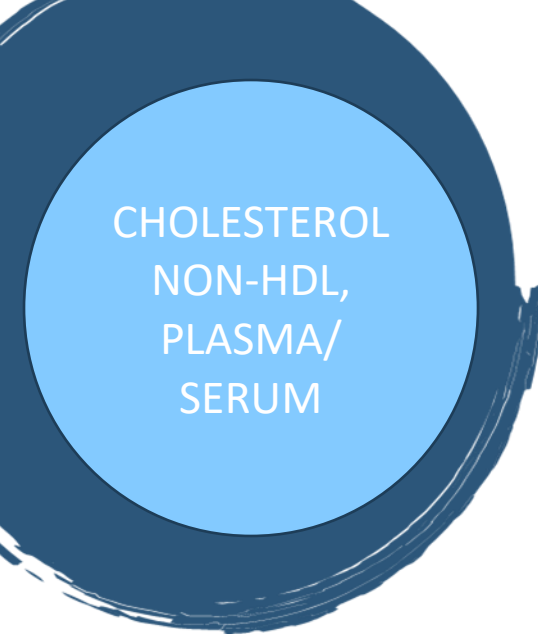
Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Calculated value



Test Schedule:
As required



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- 1) White-Al 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.