Orderable – LIPIDS
Turnaround Time: 24 hours

Alternate Name(s):
Non-High Density Lipoprotein Cholesterol

Specimen:

<table>
<thead>
<tr>
<th></th>
<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td>4.5 mL Green (Lithium Heparin) top Vacutainer tube</td>
<td>0-2 years: 0.5 mL Green Microtainer</td>
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<td>2-10 years: 3 mL Green top tube</td>
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<td>Red, Gold, or Lavender (EDTA) top tubes are also acceptable</td>
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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 ≥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 ≥5.80 mmol/L.

If non-HDL-C ≥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: