CHOLESTEROL – TOTAL, PLASMA/ SERUM

Orderable – CHOL (also part of LIPIDS)
Turnaround Time: 24 hours

Alternate Name:
Cholesterol

Specimen:

<table>
<thead>
<tr>
<th>Adult</th>
<th>Pediatric</th>
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</thead>
<tbody>
<tr>
<td>4.5 mL Green (Lithium Heparin) top Vacutainer</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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</tbody>
</table>

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: