**Collection / Transport**

**Collection Requirements:**
Plain red top or SST tube.

**Specimen Preparation:**
Onsite [NJH]: Transport to lab within 1 hour.  
Offsite: Separate serum from cells within 2 hours by centrifuge and aliquot into a labeled polypropylene or similar plastic tube.  
**Preferred volume:** 1 mL serum

**Patient Preparation:**
Overnight (12 hours) fasting is recommended.

**Pediatric Collection:**
**Minimum volume:** 0.1 mL serum

**Storage Transport Temp:**
Offsite: Send frozen serum Priority Overnight via FedEx and in a well insulated container on dry ice.

**Stability:**
Stability after cell separation:  
7 days refrigerated at 2-8°C  
3 months frozen at -20°C

**Notes:**
This test is a component of the LIPANX panel.

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**Overview**

**Performed:**
Mon-Fri

**Methodology:**
Cholesterol Dehydrogenase

**Reported:**
4 hour routine, 1 hour STAT

**Lab Department:**
Core Lab

**Synonyms:**
Total Cholesterol; CHOLX

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**Result Interpretation**

**Reference Interval:**

<table>
<thead>
<tr>
<th></th>
<th>Human</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cholesterol, Serum</td>
<td>Male</td>
</tr>
<tr>
<td></td>
<td>mg/dL</td>
</tr>
<tr>
<td>Newborn - 4 years</td>
<td>66-190</td>
</tr>
<tr>
<td>5 years - 9 years</td>
<td>98-210</td>
</tr>
<tr>
<td>10 years - 19 years</td>
<td>82-212</td>
</tr>
<tr>
<td>20+ years</td>
<td>50-200</td>
</tr>
</tbody>
</table>

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**CPT Codes**

**CPT Code:**

82465

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Test Name: Cholesterol

Test Code: CHOL