VITAMIN C

Orderable - VITC
Turnaround Time: 10 days

Alternate Name(s):
Ascorbic Acid

Specimen:

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<thead>
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<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td></td>
<td>4.5 mL Green (Lithium Heparin) top Vacutainer tube</td>
<td>0-2 years: 0.5 mL Red Microtainer</td>
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<td>2-10 years: 2 mL Red top tube</td>
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<td>Serum is also acceptable</td>
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Collection Information:

Fasting sample is recommended.
Protect sample from light by wrapping in foil.
Vitamin C results will not be provided on moderately or grossly hemolyzed plasma or serum due to oxidation of vitamin C that occurs with hemolysis.

Reference Ranges:

≥ 25 µmol/L

Interpretive Comments:

Vitamin C is very unstable to freeze/thaw cycles. If the specimen is allowed to thaw during processing and shipping, the vitamin C concentration will be very low or undetectable.
**VITAMIN C**

**Special Processing:**
Protect sample from light, separate then freeze immediately.

Do not allow to thaw.

**Storage and Shipment:**
Separate and freeze. Do not allow the specimen to thaw at any time. Any specimen that arrives at the laboratory thawed will not be tested.