

VITAMIN C

Orderable - VITC

Turnaround Time: 10 days

Alternate Name(s):

Ascorbic Acid

Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer tube	0-2 years: 0.5 mL Red Microtainer 2-10 years: 2 mL Red top tube
Serum is also acceptable	

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.



Laboratory:
Toxicology/Special
Chemistry Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
HPLC-MS/MS



Test Schedule:
Monday--Friday
0800-1600



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.