

CAROTENE, SERUM

Orderable - CAR

Turn Around Time: 10 days

Alternate Name(s):

Beta Carotene

Specimen:

6 mL Red top Vacutainer tube

Collection Information:

Minimum volume of serum or plasma required is 1 mL.

Test Preparation Instructions: Fasting specimen preferred. Patient should fast for 12 hours and abstain from alcohol for 24 hours prior to collection.

Spin and aliquot serum or plasma and freeze immediately and send to the lab.

Avoid exposure to light.

Reference Ranges:

Age	Range
6 to 11 years:	0.08-0.9 umol/L
12 to 19 years:	0.05-0.7 umol/L
20 to 39 years:	0.05-1.1 umol/L
40 to 59 years:	0.05-1.5 umol/L
≥ 60 years:	0.05-1.9 umol/L

Interpretive Comments:

Precursor of Vitamin A and absorbed from GI tract with Vitamin A. Decreased in malabsorption syndromes and steatorrhoea. May be elevated in hyperlipidemia or in fad dieting (carrots, vegetable juices)



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION




Method of Analysis:
HPLC



Test Schedule:
As required



Referred Out Location:
[Dynacare Laboratories](#)



CAROTENE,
SERUM

Special Processing:

Protect from light and freeze serum immediately after separation.

Storage and Shipment:

Separate and freeze. Ship frozen and do not allow time to thaw.