

## Overview

### Useful For

Confirm the diagnosis of carotenoderma; detect fat malabsorption; depressed carotene levels may be found in cases of steatorrhea.

### Method Name

High-pressure liquid chromatography (HPLC)

### NY State Available

Yes

## Specimen

### Specimen Type

Serum

### Specimen Required

**Supplies:** Sarstedt 5 mL Aliquot Tube (Amber) (T915)

**Specimen Type:** Serum

**Container/Tube:** Red

**Specimen Volume:** 1 mL

**Collection Instructions:** Draw blood in a plain, red-top tube(s). (Serum gel tube is acceptable.)

Spin Down and send 1 mL of serum ambient in an amber vial to protect from light.

### Note:

1. Protect from light within 1 hour of collection.
2. Patient must be fasting overnight (12 hours). Blood should be collected before breakfast in the morning and prior to any medication.
3. Abstain from alcohol for 24 hours prior to collection.

### Specimen Minimum Volume

0.5 mL

### Reject Due To

Hemolysis:	Mild reject; Gross reject
Thawing:	Warm OK; Cold OK
Other:	Specimen other than serum Red or SST, or if not light protected.

### Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Ambient (preferred)	14 days	LIGHT PROTECTED
	Frozen	14 days	LIGHT PROTECTED
	Refrigerated	14 days	LIGHT PROTECTED

## Clinical & Interpretive

### Reference Values

3 - 91 ug/dL

### Interpretation

High levels are useful to rule out steatorrhea but lower values lack specificity. There is poor sensitivity. High in the serum of those ingesting large amounts of vegetables.

## Performance

### PDF Report

No

### Day(s) Performed

Monday, Wednesday, Friday

### Report Available

5 to 10 days

### Performing Laboratory Location

LabCorp Burlington

## Fees & Codes

### Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

### CPT Code Information

82380

### LOINC® Information

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Test ID	Test Order Name	Order LOINC® Value
FCARO	Carotene, Beta	2053-7

Result ID	Test Result Name	Result LOINC® Value
FCARO	Carotene, Beta	2053-7