

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 |
| | Refrigerated | 14 days | LIGHT PROTECTED |
| | Frozen | 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

| 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 |