

Overview

Method Name

High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)

NY State Available

Yes

Specimen

Specimen Type

Serum Red

Specimen Required

Must submit one specimen per order. Specimens cannot be shared between multiple orders.

Specimen Type: Serum

Collection Container/Tube: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions:

1. Draw blood in a red-top tube(s). Serum gel tube is not acceptable.
2. Centrifuge and send 1 mL of serum refrigerated in a plastic, preservative-free vial.

Specimen Minimum Volume

0.5 mL

Reject Due To

| | |
|-------|--|
| Other | Polymer gel separation tube (SST or PST) |
|-------|--|

Specimen Stability Information

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|---------|-------------------|
| Serum Red | Refrigerated (preferred) | 30 days | |
| | Ambient | 14 days | |
| | Frozen | | |

Clinical & Interpretive

Clinical Information

Mean peak CBD plasma concentrations at 3-4 hours post-dose with Sativex at a low dose (5.4 mg of Delta-9 THC and 5.0 mg of Cannabidiol) were 1.6 +/- 0.4 ng/mL and at a high dose (16 mg of Delta-9 THC and 15 mg of Cannabidiol) were 6.7 +/- 2.0 ng/mL.

Following high dose 400 and 800 mg oral synthetic CBD in corn oil administration, mean peak CBD plasma concentrations occurred within 1.5-3 hours post-dose and were 181.2 +/- 39.8 and 221.1 +/- 35.6 ng/mL, respectively. The ratio of blood to serum or plasma concentration is unknown for this analyte.

Reference Values

Reporting limit determined each analysis
Units: ng/mL

Cautions

Known Interferences: Excessive amounts of oleamide from plastic tubes

Performance

PDF Report

No

Day(s) Performed

Monday-Sunday

Report Available

11 to 13 days

Performing Laboratory Location

NMS Labs

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](#).

Test Classification

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

CPT Code Information

80299

LOINC® Information

| Test ID | Test Order Name | Order LOINC® Value |
|---------|--------------------|--------------------|
| FCBDS | Cannabidiol, Serum | 82964-8 |

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|------------------|---------------------|
| Z5547 | Cannabidiol | 82964-8 |