

Overview

Method Name

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

NY State Available

Yes

Specimen

Specimen Type

Varies

Specimen Required

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

Submit only one of the following specimens:

Serum

Specimen Type: Serum

Collection Container/Tube: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 3 mL

Collection Instructions:

1. Draw blood in a plain, red-top tube(s). **Serum gel tube is not acceptable.**
2. Centrifuge and send 3 mL of serum refrigerated in a plastic, preservative-free vial.

Note: Label specimen appropriately (serum).

Plasma

Specimen Type: Plasma

Container/Tube: Lavender top or pink top (EDTA)

Submission Container/Tube: Plastic vial

Specimen Volume: 3 mL

Collection Instructions:

1. Draw blood in an EDTA (lavender top or pink top) tube(s). **Plasma gel tube is not acceptable.**
2. Centrifuge and send 3 mL of EDTA plasma refrigerated in a plastic, preservative-free vial.

Note: Label specimen appropriately (plasma).

Specimen Minimum Volume

1.2 mL

Reject Due To

| | |
|-------|------------|
| Other | SST or PST |
|-------|------------|

Specimen Stability Information

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|----------|-------------------|
| Varies | Refrigerated (preferred) | 30 days | |
| | Ambient | 30 days | |
| | Frozen | 365 days | |

Clinical & Interpretive**Reference Values**

Reporting limit determined each analysis

None Detected ng/mL

Peak plasma levels following a 180 mcg dose via an inhaler: 1.5 ng/mL at 13 minutes post dose

Peak plasma levels following inhalation of a cumulative dose of 1 mg and 4 mg: approximately 5 and 20 ng/mL, respectively, 5 minutes post dose

Peak plasma levels following a single 8 mg oral-sustained release tablet: 13 ng/mL at 5.0 hours post dose

Average steady-state peak and trough plasma levels following a 4 mg (normal release tablet) every 6 hours for 5 days: 15 and 9.9 ng/mL, respectively.

Serum/plasma concentrations may vary significantly depending on dose, formulation, route of administration, device, lung function, and user mechanics.

Performance**PDF Report**

No

Day(s) Performed

Monday through Sunday

Report Available

7 to 11 days

Specimen Retention Time

2 weeks

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 |
|---------|-----------------|--------------------|
| FALBU | Albuterol | 9311-2 |

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|------------------|---------------------|
| Z1441 | Albuterol | 9311-2 |
| Z1856 | Reporting Limit | 19147-8 |