# Test Definition: FALBU

Albuterol, Serum/Plasma

**Reporting Title:** Albuterol
**Performing Location:** NMS Labs

## Specimen Requirements:

Submit only one of the following specimens:

Serum
Draw blood in a plain, red-top tube(s).
(Serum gel tube is not acceptable.)
Spin down and send 3 mL serum refrigerated in plastic vial.
Note: 1. Indicate serum on request form.
2. Label specimen appropriately (serum).

Plasma
Draw blood in a lavender-top (EDTA) tube(s).
(Plasma gel tube is not acceptable.)
Spin down and send 3 mL EDTA plasma refrigerated in plastic vial.
Note: 1. Indicate plasma on request form.
2. Label specimen appropriately (plasma).

| Specimen Type | Temperature | Time |
|---|---|---|
| Varies | Refrigerated (preferred) | 14 days |
| | Frozen | 210 days |
| | Ambient | 14 days |

## Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| Z1441 | Albuterol | Alphanumeric | ng/mL | 9311-2 |
| Z1856 | Reporting Limit | Alphanumeric | ng/mL | In Process |

**CPT Code:** 1 × 83789

## Reference Values:

Reporting limit determined each analysis

Synonym(s): Proventil

Peak plasma levels following a single 4 mg oral solution:
18 ng/mL at 2.5 hours post dose.
Peak plasma levels following a single 0.04-0.1 mg
Inhaler dose: 0.6-1.4 ng/mL at 3-5 hours post dose.
Steady state trough plasma levels following a 2 mg (conventional tablet) every 6 hours regimen: 3.8-4.3 ng/mL.
Steady state trough plasma levels following a 4 mg (extended-release tablet) every 12 hours regimen: 3.0-4.8 ng/mL.
Steady state trough plasma levels following a 4 mg (conventional tablet) every 6 hours regimen: 7.8-12.0 ng/mL.

Test Performed By: NMS Labs
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