



**NMS Labs**

**CONFIDENTIAL**

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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

**Demo Report**

**Report Issued** 04/21/2022 17:43  
**Last Report Issued** 01/23/2015 13:05

**88888**  
Clinical Example Report  
Attn: Example Reports  
200 Welsh Road  
Horsham, PA 19044

**Patient Name** 2527SP-POS  
**Patient ID** 2527SP-POS  
**Chain** 15000175  
**DOB** Not Given  
**Sex** Not Given  
**Workorder** 15000175  
**Received** 01/23/2015

**Lab ID** 15000175-001  
**Matrix** Serum or Plasma  
**Patient Name** 2527SP-POS  
**Patient ID** 2527SP-POS  
**Container Type** Clear vial

**Collect Dt/Tm** Not Given  
**Source** Not Given

**Approx Vol/Weight** Not Given

**Receipt Notes** None Entered

| Analysis and Comments | Result | Units | Reporting Limit | Notes |
|-----------------------|--------|-------|-----------------|-------|
|-----------------------|--------|-------|-----------------|-------|

**2527SP Lacosamide, Serum/Plasma**

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

|                     |     |        |      |  |
|---------------------|-----|--------|------|--|
| Lacosamide          | 5.0 | mcg/mL | 0.50 |  |
| Synonym(s): Vimpat® |     |        |      |  |

Peak plasma concentrations are reached 1 to 2 hours after a single oral or intravenous dose with a half-life of 13 hours.  
Following a single 200 mg dose administered as a 30-minute infusion, a 60-minute infusion, or orally as a tablet to 24 male subjects, mean maximum plasma lacosamide concentrations were 5.95 +/- 1.49, 5.38 +/- 1.10 and 5.15 +/- 1.4 mcg/mL, respectively.

Mean plasma concentrations following maintenance doses:  
200 mg/day: 4.99 +/- 2.51 mcg/mL;  
400 mg/day: 9.35 +/- 4.22 mcg/mL;  
600 mg/day: 12.46 +/- 5.60 mcg/mL.

NMS Labs derived data:  
5th - 95th Percentile Data: 1.8 - 13.0 mcg/mL  
Mean: 5.3 mcg/mL  
(N = 14900)

Results for sample 15000175-001 are continued on next page



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**Lab ID** 15000175-001  
**Matrix** Serum or Plasma  
**Patient Name** 2527SP-POS  
**Patient ID** 2527SP-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

| <b>Analysis and Comments</b> | <b>Result</b> | <b>Units</b> | <b>Reporting Limit</b> | <b>Notes</b> |
|------------------------------|---------------|--------------|------------------------|--------------|
|------------------------------|---------------|--------------|------------------------|--------------|

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