

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 5/11/1989  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Carbidopa and Levodopa Quantitative, Serum or Plasma**

ARUP test code 0091352

Levodopa Quantitative, Serum/Plasma

None Det mcg/mL  
Serum or Plasma  
Reporting Limit: 0.020 mcg/mL  
The target plasma concentration of levodopa in Parkinsonian patients is 2 +/- 0.5 mcg/mL. The average peak plasma levodopa concentration following a single oral dose of Sinemet containing 200 mg levodopa was 1.2 mcg/mL at 0.5 hours for normal release and 3.3 mcg/mL at 2 hours for controlled release. At steady-state, the average trough plasma levodopa concentration following oral Sinemet containing 200 mg levodopa was 0.07 mcg/mL for normal release and 0.16 mcg/mL for controlled release.  
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Carbidopa Quantitative, Serum/Plasma

None Det mcg/mL  
Serum or Plasma  
Reporting Limit: 0.020 mcg/mL  
Following a single oral dose of 250 mg levodopa and 25 mg carbidopa, peak plasma concentrations of carbidopa averaged 0.11 mcg/mL at 2.9 hours post dose. Carbidopa concentrations can decrease rapidly after collection unless flash frozen with dry ice.  
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)  
Testing performed at NMS Labs, Inc.  
3701 Welsh Road  
Willow Grove, PA 19090-2910  
CLIA 39D0197898

H=High, L=Low, \*=Abnormal, C=Critical

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Levodopa Quantitative, Serum/Plasma	19-050-111217	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Carbidopa Quantitative, Serum/Plasma	19-050-111217	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical