

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** ██████████  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**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(R) 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(R) 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) 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. Testing performed at NMS Labs, Inc. 200 Welsh Road Horsham, PA 19044-2208 CLIA 39D0197898

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Levodopa Quantitative, Serum/Plasma	22-125-117664	5/5/2022 8:06:00 AM	5/9/2022 3:42:07 PM	5/12/2022 1:16:00 PM
Carbidopa Quantitative, Serum/Plasma	22-125-117664	5/5/2022 8:06:00 AM	5/9/2022 3:42:07 PM	5/12/2022 1:16:00 PM

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

Unless otherwise indicated, testing performed at:

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END OF CHART

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

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*Unless otherwise indicated, testing performed at:*

**ARUP LABORATORIES | 800-522-2787 | [aruplab.com](http://aruplab.com)**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-125-117664  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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