

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: 01/01/2017 12:34

Carbidopa and Levodopa Quantitative, Serum or Plasma

ARUP test code 0091352

Levodopa Quantitative, Serum/Plasma

10 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

20 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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Levodopa Quantitative, Serum/Plasma	19-050-111247	2/19/2019 1:02:00 PM	2/19/2019 1:04:51 PM	2/19/2019 1:42:00 PM
Carbidopa Quantitative, Serum/Plasma	19-050-111247	2/19/2019 1:02:00 PM	2/19/2019 1:04:51 PM	2/19/2019 1:42:00 PM

END OF CHART

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

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-050-111247
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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