

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/22/1951
Sex: 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

0.26 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

0.037 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	22-151-400498	5/31/2022 7:10:00 AM	6/1/2022 10:00:40 AM	6/14/2022 8:21:00 AM
Carbidopa Quantitative, Serum/Plasma	22-151-400498	5/31/2022 7:10:00 AM	6/1/2022 10:00:40 AM	6/14/2022 8:21:00 AM

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-151-400498
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 2 | Printed: 10/19/2022 7:22:35 AM

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-151-400498
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 10/19/2022 7:22:35 AM