

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

Physician: Doctor, Example

Patient: Patient, Example

DOB 1/1/2001
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Melatonin Quantitative, Serum or Plasma

ARUP test code 3001158

Melatonin Quantitative, Serum/ Plasma

700 ng/mL
Serum or Plasma
Reporting Limit: 1.0 ng/mL

Endogenous concentrations of melatonin are of the order of less than 0.02-0.2 ng/mL and vary based on the time of day and the patient's age. Single oral doses of 10, 20, 40, and 80 mg given to 20 healthy men resulted in mean peak serum concentrations of approximately 4, 9, 17, and 32 ng/mL, respectively, at 1.3 hours post-dose. Up to 240 mg has been safely administered to adults with side effects that include only drowsiness and sleepiness. 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. Digital data review may have taken place remotely by qualified NMS staff utilizing a secure VPN connection for some or all of the reported results. This is in accordance with and follows CLIA regulations. Testing performed at NMS Labs, Inc. 200 Welsh Road Horsham, PA 19044-2208 CLIA 39D0197898

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



VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Melatonin Quantitative, Serum/ Plasma	24-123-116461	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