

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 9/9/2002  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Ibuprofen Quantitative, Serum or Plasma**

ARUP test code 2014183

Ibuprofen, Serum/Plasma

4.2 mcg/mL  
Serum or Plasma  
Reporting Limit: 3.0 mcg/mL

Synonym(s): Motrin(R)  
Following a single 400 mg oral dose, the average peak plasma concentration was 28 mcg/mL (range 17-36 mcg/mL) at approximately 1 hour post dose. Severe symptoms such as hypotension and renal failure are possible above 100 mcg/mL and probable above 200 mcg/mL plasma at approximately 1 hour post dose.  
This test is not chiral specific and cannot distinguish between the R and S enantiomers of ibuprofen  
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
Ibuprofen, Serum/Plasma	22-061-144925	3/2/2022 3:43:00 PM	3/4/2022 2:46:06 PM	3/10/2022 1:20:00 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  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-061-144925  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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