

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 12/30/1955  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Phenobarbital, Total/Unbound/Bound, S/P**

ARUP test code 0091551

Phenobarbital, Unbound, Serum/Plasma 24 mcg/mL  
Serum  
Reporting Limit: 0.50 mcg/mL  
Approximately 54% of phenobarbital is unbound to serum proteins (free) at therapeutic concentrations.  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)

Phenobarbital, Total, Serum or Plasma 48 mcg/mL  
Serum  
Reporting Limit: 5.0 mcg/mL  
Synonym(s): Luminal(R)  
Recommended serum concentration range during anticonvulsant therapy with primidone: 10-40 mcg/mL.  
Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)

Phenobarbital Bound, Serum or Plasma 24.0 mcg/mL  
Serum  
Phenobarbital - Bound is calculated by subtracting Phenobarbital - Unbound from Phenobarbital - Total.  
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

**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: 20-217-144119  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Phenobarbital, Unbound, Serum/Plasma	20-217-144119	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phenobarbital, Total, Serum or Plasma	20-217-144119	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phenobarbital Bound, Serum or Plasma	20-217-144119	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

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