

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/30/1981  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Manganese, RBC**

ARUP test code 2007254

Manganese, RBC

**21 mcg/L H**

RBCS  
Reporting Limit: 11 mcg/L

NMS Labs derived data:  
2.5th - 97.5th percentile range is  
4.7-20 mcg/L (n=2022).  
The RBC sample used for analysis was measured by weight  
and multiplied by the density of human RBC (1.10 g/mL)  
to obtain mcg/L units.  
Analysis by Inductively Coupled Plasma/Mass  
Spectrometry (ICP/MS)  
Specimens for elemental testing should be collected in  
certified metal-free containers. Elevated results for  
elemental testing may be caused by environmental  
contamination at the time of specimen collection and  
should be interpreted accordingly. It is recommended  
that unexpected elevated results be verified by  
testing another specimen in a trace metal free  
container.  
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
Manganese, RBC	22-110-117904	4/20/2022 9:33:00 AM	4/22/2022 11:49:28 AM	4/28/2022 4:38:00 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: 22-110-117904  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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