

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/8/1972  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Cytochrome b5 Reductase Enzyme Activity**

ARUP test code 3003818

Cytochrome b5 Reductase Enzyme Activity 12.2 U/g Hb (Ref Interval: 7.8 - 13.1)  
Cytochrome b5 reductase (cb5r), also known as methemoglobin reductase (METR), activity in neonates can be decreased (60% of adult values) in normal infants until 3 to 6 months of age. If the enzyme activity is low in an infant and clinical suspicion for methemoglobin reductase deficiency persists, recommend repeat testing after one year of age.  
No Charge- LSI Client Testing  
-----ADDITIONAL INFORMATION-----  
This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.  
Test Performed by:  
Mayo Clinic Laboratories - Rochester Main Campus  
200 First Street SW, Rochester, MN 55905  
Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D0404292

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Cytochrome b5 Reductase Enzyme Activity	21-081-102245	3/22/2021 8:14:00 AM	3/22/2021 9:54:02 AM	3/22/2021 12:44:00 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: 21-081-102245  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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