

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 5/5/2013  
**Gender:** Unknown  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Mucopolysaccharidoses Type 4A/6 Total Chondroitin Sulfate and Dermatan Sulfate with NRE (Sensi-Pro(R)) Quantitative, Serum**

ARUP test code 3003487

MPS 4A/6, Serum Interpretation Normal

Results reviewed and interpreted by [REDACTED]

INTERPRETIVE INFORMATION: MPS 4A/6, Serum Interpretation

Total Chondroitin Sulfate (CS) and Dermatan Sulfate (DS), Serum is a sum of the internal disaccharides D0a0, D0a4, and D0a6. NRE = Non Reducing End

This test was developed, and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Chondroitin and Dermatan Sulfate, Serum 10577 ng/mL (Ref Interval: 10300-23500)

a4 (MPS 6 NRE), Serum 32 ng/mL (Ref Interval: 21-62)

a6 (MPS 4A NRE), Serum 15 ng/mL (Ref Interval: <=20)

a4/a6 Ratio, Serum 2.133

EER MPS 4A/6 Serum See Note

Authorized individuals can access the ARUP Enhanced Report using the following link:  
[REDACTED]

**H=High, L=Low, \*=Abnormal, C=Critical**

VERIFIED/REPORTED DATES

| Procedure                               | Accession     | Collected        | Received         | Verified/Reported |
|---|---------------|------------------|------------------|-------------------|
| MPS 4A/6, Serum Interpretation          | 24-127-125409 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Chondroitin and Dermatan Sulfate, Serum | 24-127-125409 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| a4 (MPS 6 NRE), Serum                   | 24-127-125409 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| a6 (MPS 4A NRE), Serum                  | 24-127-125409 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| a4/a6 Ratio, Serum                      | 24-127-125409 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| EER MPS 4A/6 Serum                      | 24-127-125409 | 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

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: 24-127-125409  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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