

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

Patient: [REDACTED]  
 DOB: [REDACTED] Age: 51 Sex: F  
 Patient Identifiers: [REDACTED]  
 Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
 Physician: [REDACTED]

ARUP Test Code: 3003539  
 Collection Date: 06/13/2024  
 Received in lab: 06/14/2024  
 Completion Date: 06/20/2024

Analyte	Values	Flag	Reference Interval
MPS 4A/6 Creatinine, Urine	27 mg/dL		
Chondroitin and Dermatan Sulfate, Urine	<0.523 mg/mmolCRT		0.099-8.300
a4 (MPS 6 NRE), Urine	<0.004 mg/mmolCRT		<=0.043
a6 (MPS 4A NRE), Urine	0.056 mg/mmolCRT		<=0.112
a4/a6 Ratio, Urine	<0.071 mg/mmolCRT		<=1.000

## Interpretation

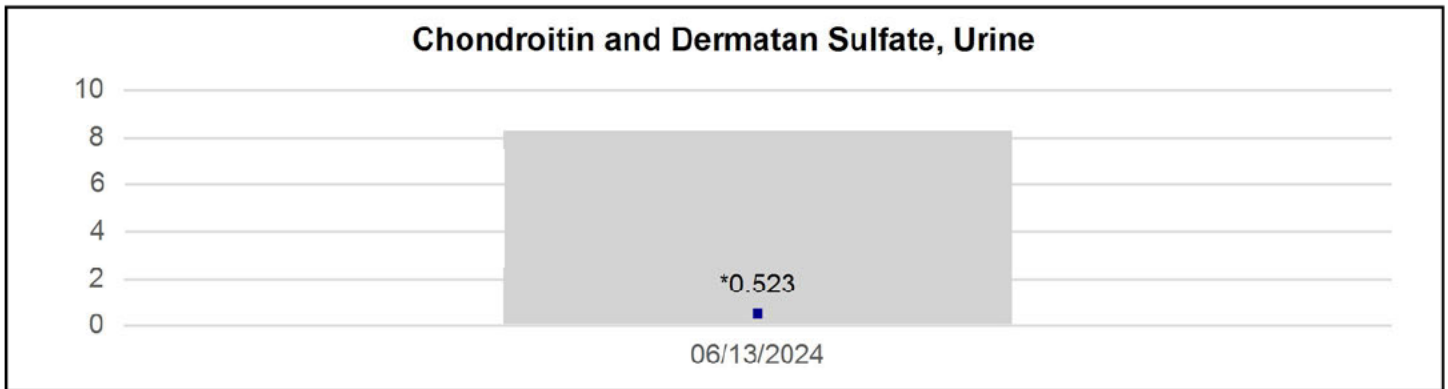
Normal

INTERPRETIVE INFORMATION: MPS 4A/6, Urine

Total Chondroitin Sulfate (CS) and Dermatan Sulfate (DS), Urine 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.

## Patient Historical Result Summary



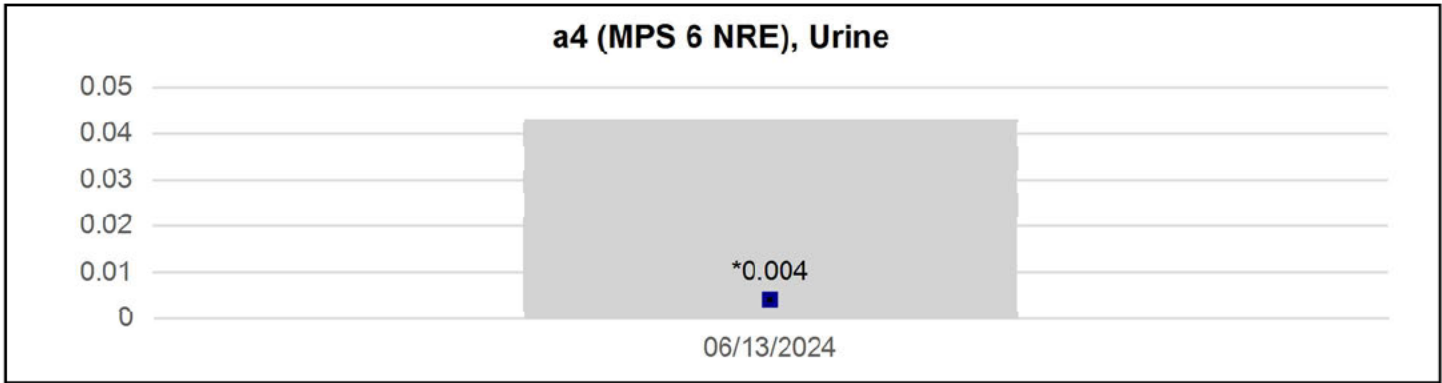
ARUP Accession	Collection Date	Result	Flag	Low Range	High Range
24-165-122037	06/13/2024	<0.523		0.099	8.3



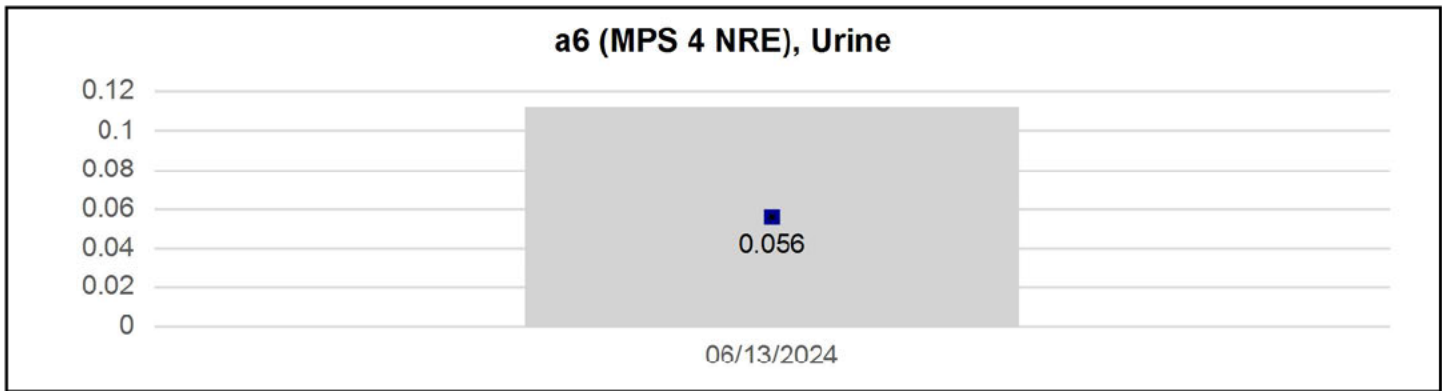
Patient: [REDACTED]  
 ARUP Accession: 24-165-122037

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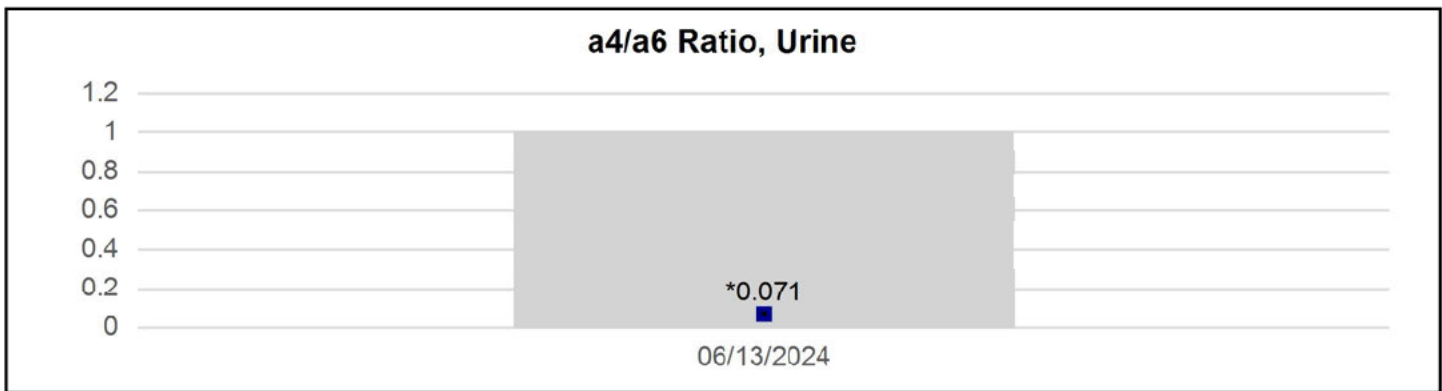
Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: F | Physician: [REDACTED]  
 Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]



ARUP Accession	Collection Date	Result	Flag	Range
24-165-122037	06/13/2024	<0.004	mg/mmolCRT	<=0.043



ARUP Accession	Collection Date	Result	Flag	Range
24-165-122037	06/13/2024	0.056	mg/mmolCRT	<=0.112

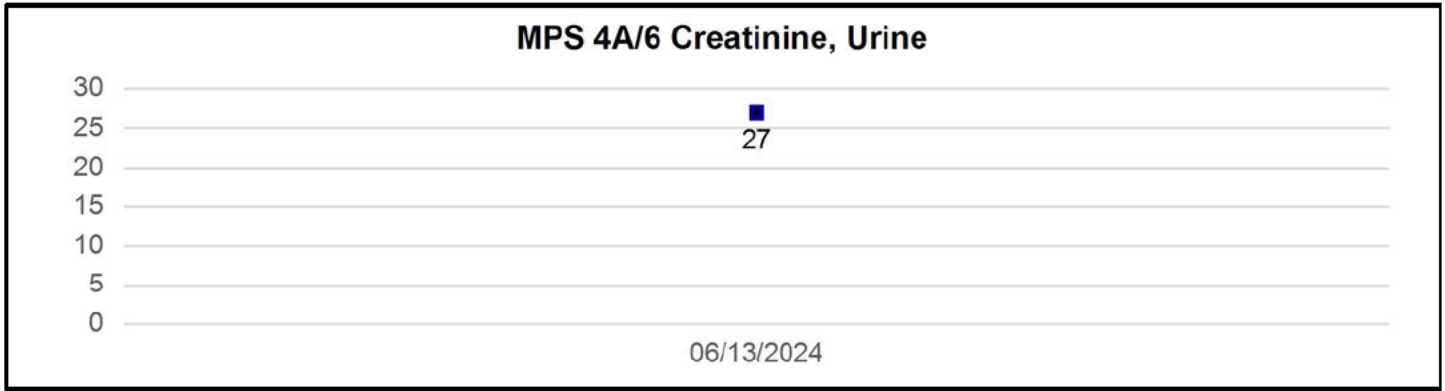


ARUP Accession	Collection Date	Result	Flag	Range
24-165-122037	06/13/2024	<0.071	mg/mmolCRT	<=1.000



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

Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: F | Physician: [REDACTED]  
Patient Identifiers: [REDACTED] Visit Number (FIN): [REDACTED]

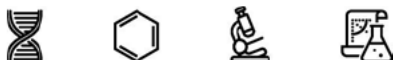


ARUP Accession	Collection Date	Result	Unit
24-165-122037	06/13/2024	27	mg/dL

Asterisk (\*) = Value <LLOQ. provided for information only.

Shaded areas represent the age-specific reference range.

Consecutive test results are displayed on this chart; however, this result set may be incomplete due to variations in the demographic information submitted for prior tests. If the information shown on this chart appears incomplete, please consult this patient's prior charts.



Patient: [REDACTED]  
ARUP Accession: 24-165-122037