

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/1/1971
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Keratan Sulfate, Quantitative by LC-MS/MS, Urine

ARUP test code 2012259

Creatinine, Urine	171 mg/dL
LacNAc1 (S1 monosulfated), Urine	4.91 ug/mL
LacNAc2 (S2 disulfated), Urine	3.27 ug/mL
Keratan Sulfate, Total Urine	4.78 ug/mg CRT H (Ref Interval: 0.29-0.85) INTERPRETIVE INFORMATION: Keratan Sulfate, Quantitative by LC-MS/MS, Urine Keratan Sulfate, Total Urine is calculated as the sum of the two disaccharides, LacNAc1 and LacNAc2, per milligram of creatinine.

Keratan Sulfate, Urine Interpretation

See Note

ABNORMAL. Markedly elevated urinary excretion of keratan sulfate in patient with mucopolysaccharidosis type IVA, deficiency of galactosamine-6-sulfatase (Morquio IVA).

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.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine	21-278-401940	10/1/2021 12:15:00 PM	10/9/2021 7:47:44 AM	10/13/2021 4:29:00 PM
LacNAc1 (S1 monosulfated), Urine	21-278-401940	10/1/2021 12:15:00 PM	10/9/2021 7:47:44 AM	10/13/2021 4:29:00 PM
LacNAc2 (S2 disulfated), Urine	21-278-401940	10/1/2021 12:15:00 PM	10/9/2021 7:47:44 AM	10/13/2021 4:29:00 PM
Keratan Sulfate, Total Urine	21-278-401940	10/1/2021 12:15:00 PM	10/9/2021 7:47:44 AM	10/13/2021 4:29:00 PM
Keratan Sulfate, Urine Interpretation	21-278-401940	10/1/2021 12:15:00 PM	10/9/2021 7:47:44 AM	10/13/2021 4:29:00 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: 21-278-401940
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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