

**TEST CHANGE**

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

2012259, KS U MS

**Specimen Requirements:**

**Patient Preparation:** Morning void is preferred.

**Collect:** Urine.

**Specimen Preparation:** Transfer 2 mL urine to ARUP [standard transport tube](#) ~~Standard Transport Tube~~ and freeze immediately. (Min: 1 mL)

**Transport Temperature:** CRITICAL FROZEN. Separate specimens must be submitted with multiple tests are ordered.

**Unacceptable Conditions:** Specimens containing preservatives.

**Remarks:**

**Stability:** Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month

**Methodology:** Liquid Chromatography-Tandem Mass Spectrometry

**Performed:** ~~Thu~~ **Thu**

**Reported:** 3-10 days

**Note:**

**CPT Codes:** 83864

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

Refer to report.

Keratan Sulfate, Total is calculated as the sum of the two disaccharides, LacNAc1 and LacNAc2, per milligram of creatinine (CRT).

~~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.~~

**Reference Interval:**

Age	Total Keratan Sulfate (ug/mg CRT)
0-11 months	5.65 - 20.73
1 year - 5 years	1.75 - 6.81
6 years - 15 years	0.67 - 4.16
16 years and older	0.29 - 0.85

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