



## **Test Update 891**

**Posted Date** 11/13/2024

**Effective Date** 12/10/2024

**Test Name** [Lysosomal Storage Disorders Screen, Urine](#)

**Update Type** [Reference range changed](#)

**CPT Code** 83789, 86864, 84377, 84275, 82570

### **SPECIMEN HANDLING AND REFERENCE RANGE UPDATE**

#### **Lysosomal Storage Disorders Screen, Urine**

Order Code: LSDS

Fee Code: AA931, 23386, AA932, AA180 (CPT 83789, 83864, 84377, 82570)

New Fee Code: AA931, 23386, AA932, AB172 (CPT 83789, 86864, 84377, 84275)

Reference Laboratory: Mayo LSDS

Mayo Clinic Laboratories will add new component Sialic Acid, Free and Total, to their Lysosomal Storage Disorders Screen effective December 10, 2024. There will also be changes to specimen collection and handling, reference ranges as follows:

Collection Instructions: Patient Preparation: Do not administer low-molecular weight heparin prior to collection. Baby wipes or wipes containing soaps and lotions should not be used prior to collection because these may interfere with results. Collect a random urine specimen (early morning preferred). Send 12 mL (minimum 3.5 mL) in a clean, plastic container with no metal cap or glued insert. Refrigerate (preferred) up to 15 days or freeze up to 90 days.

#### Reference Range:

Dermatan Sulfate: < or =1.00 mg/mmol creatinine

Heparan Sulfate: < or =4 years: < or =0.50 mg/mmol creatinine  
> or =5 years: < or =0.25 mg/mmol creatinine

< or =24 months: < or =10.00 mg/mmol creatinine

Chondroitin-6 Sulfate: 25 months-10 years: < or =2.50 mg/mmol creatinine

> or =11 years: < or =1.50 mg/mmol creatinine

< or =12 months: < or =2.00 mg/mmol creatinine

13-24 months: < or =1.50 mg/mmol creatinine

Keratan Sulfate: 25 months-4 years: < or =1.00 mg/mmol creatinine

5-18 years: < or =0.50 mg/mmol creatinine

> or =19 years: < or =0.30 mg/mmol creatinine

< or =4 weeks: < or =208 mmol/mol creatinine

Free Sialic Acid:

5 weeks-12 months: < or =104 mmol/mol creatinine

13 months-18 years: < or =100 mmol/mol creatinine

> or =19 years: < or =38 mmol/mol creatinine

Total Sialic Acid:

< or =4 weeks: < or =852 mmol/mol creatinine

[View PDF](#)