MICHIGAN MEDICINE
UNIVERSITY OF MICHIGAN
LABORATORIES

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

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