

Lysosomal (Six) Panel, Leukocytes

Test ID: LSD6W

Explanation: On the effective date, the following changes will be made to the Lysosomal (Six) Panel, Leukocytes (LSD6W) assay.

Current Method

Flow Injection Analysis-Tandem Mass Spectrometry

New MethodFlow Injection Analysis-Tandem Mass Spectrometry
(FIA-MS/MS)**Current Reference Value**

Beta-Glucosidase: > or = **3.53** nmol/hour/mg protein
Acid Sphingomyelinase: > or =0.32 nmol/hour/mg protein
Acid Alpha-Glucosidase: > or =5.00 nmol/hour/mg protein
Galactocerebrosidase: > or =1.88 nmol/hour/mg protein
Alpha-Galactosidase: > or =10.32 nmol/hour/mg protein
Alpha-L-Iduronidase: > or =2.06 nmol/hour/mg protein
Acid Alpha-Glucosidase (Reflex): > or = **1.50** nmol/hour/mg protein
Galactocerebrosidase (Reflex): > or =0.300 nmol/hour/mg protein

New Reference Value

Beta-Glucosidase: > or = **2.88** nmol/hour/mg protein
Acid Sphingomyelinase: > or =0.32 nmol/hour/mg protein
Acid Alpha-Glucosidase: > or =5.00 nmol/hour/mg protein
Galactocerebrosidase: > or =1.88 nmol/hour/mg protein
Alpha-Galactosidase: > or =10.32 nmol/hour/mg protein
Alpha-L-Iduronidase: > or =2.06 nmol/hour/mg protein
Acid Alpha-Glucosidase (Reflex): > or = **1.500** nmol/hour/mg protein
Galactocerebrosidase (Reflex): > or =0.300 nmol/hour/mg protein

Current Minimum Volume

2 mL

New Minimum Volume

4 mL

Current Days Performed

Preanalytical processing: Monday through Saturday
Testing performed: Monday, Wednesday

New Days Performed

Preanalytical processing: Monday through Saturday
Testing performed: Monday, Thursday

Current Report Available

3 to 7 days

New Report Available

2 to 5 days

Questions

Contact Melissa Tricker-Klar, Laboratory Resource Coordinator at 800-533-1710.