MAYO CLINIC LABORATORIES

TEST DOWN

Notification Date: April 10, 2026
Effective Date: Immediately

Lysosomal Disorders, Six-Enzyme Panel, Leukocytes

Test ID: LSD6W

Explanation:

Due to low test utilization, Test ID: LSD6W will be non-orderable, effective immediately. Recommended alternative testing is listed below. Refer to the Genetic and Useful For information for ordering guidance. See further specimen and testing details in the Mayo Clinic Laboratories Lab Test Catalog.

Recommended Alternative Testing:

Test ID	Test Name	Genetic Information	Useful For
AGAW	Alpha-Galactosidase, Leukocytes	Fabry disease is caused by deficient activity of the enzyme alpha-galactosidase A and results in damage to multiple organs including the kidney, heart, and brain. Treatment with enzyme replacement therapy is available for individuals with Fabry disease.	Diagnosis of **Fabry disease** in male patients. Verifying abnormal serum alpha-galactosidase results in male patients with a clinical presentation suggestive of Fabry disease.
GBAW	Beta-Glucosidase, Leukocytes	This test provides diagnostic testing for patients with clinical signs and symptoms suspicious for Gaucher disease. Enzyme testing is included in the diagnostic workup for infants following a positive newborn screen result for Gaucher disease.	Diagnosis of **Gaucher disease.** This test is **not intended** for carrier detection.
GALCW	Galactocerebrosidase, Leukocytes	This test provides diagnostic testing for patients with clinical signs and symptoms suspicious for Krabbe disease. Enzyme testing for galactocerebrosidase is included in the diagnostic workup for infants following a positive newborn screen result for Krabbe disease.	Diagnosis of **Krabbe disease.** Follow-up testing for evaluation of an abnormal newborn screening result for Krabbe disease This test is **not intended for** carrier detection.

IDUAW	Alpha-L-Iduronidase, Leukocytes	This test provides diagnostic testing for patients with clinical signs and symptoms suspicious for mucopolysaccharidosis type I (MPS I). Enzyme testing is included in the diagnostic workup for infants following a positive newborn screen result for MPS I.	Diagnosis of **mucopolysaccharidosis I, Hurler, Scheie, and Hurler-Scheie syndromes** in leukocytes. This test is **not useful** for determining carrier status.
ASMW	Acid Sphingomyelinase, Leukocytes	This test provides diagnostic testing for patients with decreased acid sphingomyelinase activity on newborn screen or with clinical signs and symptoms suspicious for Niemann-Pick type A or B.	Investigation of possible diagnosis of **Niemann-Pick disease types A and B.** This test is **not recommended** for carrier detection because of the wide range of enzymatic activities observed in carriers and noncarriers.
GAAW	Acid Alpha-Glucosidase, Leukocytes	This test provides diagnostic testing for individuals with decreased alpha-glucosidase activity on newborn screen or clinical signs and symptoms suspicious for Pompe disease.	Diagnosis of **Pompe disease.**

Questions

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