MAYO CLINIC LABORATORIES

TEST OBSOLETE

Notification Date: March 10, 2026
Effective Date: April 9, 2026

Mucopolysaccharidoses, Eight-Enzyme Panel, Blood Spot

Test ID: MP8BS

Explanation:
Due to low test utilization, Test ID: MP8BS will become obsolete. 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
I2SB	Iduronate-2-Sulfatase, Blood Spot	This test provides diagnostic testing for individuals with positive newborn screen results or clinical signs and symptoms suspicious for mucopolysaccharidosis type II (MPS II, Hunter syndrome). If an enzyme deficiency is detected by this screening test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of mucopolysaccharidosis II (MPS II; Hunter syndrome) This test is **not useful for** determining carrier status for MPS II.
MPS3B	Mucopolysaccharidosis III, Three-Enzyme Panel, Blood Spot	This test provides diagnostic testing for individuals with clinical signs and symptoms suspicious for mucopolysaccharidosis type IIIA, IIIB or IIIC. Enzymatic analysis for mucopolysaccharidosis (MPS) IIID is not included in this assay, however it is included in test MPS3W. If an enzyme deficiency is detected by this screening test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of mucopolysaccharidoses types IIIA, IIIB, IIIC This test is **not useful for** carrier detection.
MPS4B	Mucopolysaccharidosis IV Enzyme Panel, Blood Spot	This test provides diagnostic testing for individuals with clinical signs and symptoms suspicious for mucopolysaccharidosis type IVA or IVB. If an enzyme deficiency is detected by this screening test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of mucopolysaccharidosis type IVA and IVB This test is **not useful for** carrier detection.

ARSBB	Arylsulfatase B, Blood Spot	This test provides diagnostic testing for individuals with clinical signs and symptoms suspicious for mucopolysaccharidosis type VI (MPS VI, Maroteaux-Lamy syndrome). If an enzyme deficiency is detected by this test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of mucopolysaccharidosis type VI (MPS VI, Maroteaux-Lamy syndrome) This test is **not useful for** carrier detection for MPS VI.
GUSBB	Beta-Glucuronidase, Blood Spot	This test provides diagnostic testing for individuals with clinical signs and symptoms suspicious for mucopolysaccharidosis type VII (MPS VII, Sly syndrome). If an enzyme deficiency is detected by this test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of mucopolysaccharidosis VII (MPS VII, Sly syndrome) This test is **not useful for** determining carrier status for MPS VII.
MSDBS	Multiple Sulfatase Deficiency, Blood Spot	This test is a screening panel for individuals with clinical signs and symptoms suspicious for multiple sulfatase deficiency. If an enzyme deficiency is detected by this screening test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of multiple sulfatase deficiency This test is **not useful for** carrier detection.
NCLBS	Neuronal Ceroid Lipofuscinosis, Two-Enzyme Panel, Blood Spot	This test provides diagnostic testing for individuals with clinical signs and symptoms suspicious for neuronal ceroid lipofuscinosis 1 or 2 (CLN1 or CLN2). If an enzyme deficiency is detected by this screening test, additional biochemical or molecular testing is required to confirm a diagnosis.	Supporting the biochemical diagnosis of two neuronal ceroid lipofuscinoses, CLN1 and CLN2 This test is not useful for carrier detection.

Questions

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