

Reporting Title: MPS III (Four) Panel, WBC
Performing Location: Rochester

Shipping Instructions:
For optimal isolation of leukocytes, it is recommended the specimen arrive refrigerated within 6 days of collection to be stabilized. Collect specimen Monday through Thursday only and not the day before a holiday. Specimen should be collected and packaged as close to shipping time as possible.

- Necessary Information:
- 1. Patient's age is required.
 - 2. Reason for testing is required.

Specimen Requirements:

Container/Tube:

Preferred: Yellow top (ACD solution B)

Acceptable: Yellow top (ACD solution A) or lavender top (EDTA)

Specimen Volume: 6 mL

Collection Instructions: Send whole blood specimen in original tube. Do not aliquot.

- Forms:
- 1. New York Clients-Informed consent is required. Document on the request form or electronic order that a copy is on file. The following documents are available:
[-Informed Consent for Genetic Testing](#) (T576)
[-Informed Consent for Genetic Testing-Spanish](#) (T826)
 - 2. [Biochemical Genetics Patient Information](#) (T602)
 - 3. If not ordering electronically, complete, print, and send a [Biochemical Genetics Test Request](#) (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole Blood ACD	Refrigerated (preferred)	6 days	
	Ambient	6 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MPS3W	BG767	Reason for Referral: <ul style="list-style-type: none">• Rule out MPS III• Follow up of known MPS IIIA• Follow up of known MPS IIIB• Follow up of known MPS IIIC• Follow up of known MPS IIID• Not Provided	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BG767	Reason for Referral	Alphanumeric		42349-1
618456	Heparan-N-sulfatase	Numeric	nmol/h/mg Prot	24086-1
618457	N-acetyl-alpha-D-glucosaminidase	Numeric	nmol/h/mg Prot	24092-9
618458	Heparan-alpha-glucosaminide N-acetyltransferase	Numeric	nmol/h/mg Prot	24044-0
618459	N-acetylglucosamine-6-sulfatase	Numeric	nmol/h/mg Prot	24098-6
618460	Interpretation	Alphanumeric		59462-2
618455	Reviewed By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82657

Reference Values:

HEPARAN-N-SULFATASE:

>0.13 nmol/hour/mg protein

N-ACETYL-ALPHA-D-GLUCOSAMINIDASE:

>0.09 nmol/hour/mg protein

HEPARAN-ALPHA-GLUCOSAMINIDE N-ACETYLTRANSFERASE:

>0.24 nmol/hour/mg protein

N-ACETYLGLUCOSAMINE-6-SULFATASE:

>0.03 nmol/hour/mg protein

An interpretive report will be provided.