

Reporting Title: MPS IV 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
MPS4W	BG769	Reason for Referral: <ul style="list-style-type: none"><li>• Rule out MPS IV</li><li>• Follow up of known MPS IVA</li><li>• Follow up of known MPS IVB</li><li>• Follow up of known GM1</li><li>• Not Provided</li></ul>	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BG769	Reason for Referral	Alphanumeric		42349-1
618462	N-acetylgalactosamine-6-sulfatase	Numeric	nmol/h/mg Prot	24096-0
618463	Beta-galactosidase	Numeric	nmol/h/mg Prot	24061-4
618464	Interpretation	Alphanumeric		59462-2
618461	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

82657

Reference Values:

N-acetylgalactosamine-6-sulfatase: >1.60 nmol/hour/mg protein

Beta-galactosidase: >0.28 nmol/hour/mg protein

An interpretive report will be provided.