

Reporting Title: Alpha-L-Iduronidase, Leukocytes

Performing Location: Rochester

Ordering Guidance:

This test is preferred for diagnostic testing. For carrier detection, order MPS1Z / Hurler Syndrome, Full Gene Analysis, Varies.

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.

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	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
606276	Alpha-L-Iduronidase, Leukocytes	Numeric	nmol/h/mg Prot	24057-2
606277	Interpretation	Alphanumeric		59462-2
606278	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

82657

Reference Values:

> or =2.06 nmol/hour/mg protein

An interpretive report will be provided.