

Reporting Title: Beta-Glucosidase, Leukocytes

Performing Location: Rochester

Ordering Guidance:

This test is preferred for diagnostic testing but does not reliably detect carriers. For carrier detection, order GBAZ / Gaucher Disease, Full Gene Analysis, Varies or CGPH / Custom Gene Panel, Hereditary, Next-Generation Sequencing, Varies (specify *GBA* Gene List ID IEMCP-M4F13T). Call 800-533-1710 to discuss testing options.

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 specimen in whole blood 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®
606273	Beta-Glucosidase, Leukocytes	Numeric	nmol/h/mg Prot	32540-7
606274	Interpretation	Alphanumeric		59462-2
606275	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:

No

**CPT Code Information:**

82963

**Reference Values:**

&gt; or =3.53 nmol/hour/mg protein

An interpretative report will be provided.

**Note:** Results from this assay do not reflect carrier status because of individual variation of beta-glucosidase enzyme levels.