

**Reporting Title:** Alpha-Galactosidase, Leukocytes  
**Performing Location:** Rochester

**Ordering Guidance:**

If testing is needed for assessment of meat or meat-derived product allergy, order either ALGAL / Galactose-Alpha-1,3-Galactose (Alpha-Gal), IgE, Serum or APGAL / Galactose-Alpha-1,3-Galactose (Alpha-Gal) Mammalian Meat Allergy Profile, Serum.

Carrier detection using enzyme levels is unreliable for female patients as results may be within the normal values. Order FABRZ / Fabry Disease, Full Gene Analysis, Varies for testing carrier status.

**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:**

- 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 \(T826\)](#)
- [Biochemical Genetics Patient Information \(T602\)](#)
- 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®
606261	Alpha-Galactosidase, Leukocytes	Numeric	nmol/h/mg Prot	24049-9
606262	Interpretation	Alphanumeric		59462-2
606263	Reviewed By	Alphanumeric		18771-6

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

**Supplemental Report:**

No

**CPT Code Information:**

82657

**Reference Values:**

&gt; or =10.32 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 alpha-galactosidase enzyme levels.