

Reporting Title: Alpha-Galactosidase, S
Performing Location: Rochester

Ordering Guidance:

If testing 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. For testing carrier status, order FABRZ / Fabry Disease, Full Gene Analysis, Varies.

Additional Testing Requirements:

Urine sediment analysis for the accumulating trihexoside substrate and measurement of globotriaosylsphingosine are recommended. Order both CTSU / Ceramide Trihexosides and Sulfatides, Random, Urine and LGB3S / Globotriaosylsphingosine, Serum.

Necessary Information:

Sex of patient is required for interpretation of results.

Specimen Requirements:

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 2 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

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
Serum	Frozen (preferred)	14 days	
	Refrigerated	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
50590	Alpha-Galactosidase,S	Numeric	U/L	1813-5
50584	Interpretation	Alphanumeric		59462-2

50586	Reviewed By	Alphanumeric	18771-6
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LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82657

Reference Values:

0.074-0.457 U/L

Note: Results from this assay are not useful for female carrier determination. Carriers usually have levels in the normal range.