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**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.

**Specimen Minimum Volume:**

0.3 mL

**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.

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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

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.