



Test Definition: LGB3S

Globotriaosylsphingosine, Serum

Reporting Title: Lyso-GB3, S

Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:

This test **should not be used** to determine carrier status. Order GLA / Fabry Disease, *GLA* Gene Sequencing with Deletion/Duplication, Varies for carrier testing.

Necessary Information:

1. Patient's age is required.
2. Reason for testing is required.

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL serum

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

Forms:

1. [Biochemical Genetics Patient Information](#) (T602)
2. 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)	90 days	
	Refrigerated	48 hours	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
LGB3S	BG708	Reason for Referral: <ul style="list-style-type: none">• Rule out Fabry disease• Follow-up of abnormal newborn screening• Follow-up of known Fabry patient• Not provided	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BG708	Reason for Referral	Alphanumeric		42349-1
65532	Lyso-GB3, S	Numeric	ng/mL	90234-6
113176	Interpretation (LGB3S)	Alphanumeric		59462-2

113177	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:

82542

Reference Values:

< or =1.0 ng/mL