

Reporting Title: Globotriaosylsphingosine, BS
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:
Serum is the recommended specimen type for diagnosing and monitoring patients with Fabry Disease. For more information see LGB3S / Globotriaosylsphingosine, Serum.

Specimen Requirements:

- Supplies:**
- Card-Blood Spot Collection (Filter Paper) (T493)
 - Card Postmortem Screening (Filter Paper) (T525)

Container/Tube:
Preferred: Blood Spot Collection Card (Filter Paper)
Acceptable: Whatman Protein Saver 903 filter paper, PerkinElmer 226 filter paper, Munktell filter paper, Postmortem Screening Card or collected with EDTA, sodium heparin, lithium heparin, or ACD B-containing devices

Specimen Volume: 2 Blood spots

- Collection Instructions:**
1. An alternative blood collection option for a patient older than 1 year is a fingerstick. For detailed instructions, see [How to Collect a Dried Blood Spot Sample](#).
 2. Let blood dry completely on filter paper at ambient temperature in a horizontal position for a minimum of 3 hours.
 3. At least 1 spot should be complete,(ie, unpunched).
 4. Do not expose specimen to heat or direct sunlight.
 5. Do not stack wet specimens.
 6. Keep specimen dry.

- Additional Information:**
1. For collection instructions, see [Blood Spot Collection Instructions](#).
 2. For collection instructions in Spanish, see [Blood Spot Collection Card-Spanish Instructions](#) (T777).
 3. For collection instructions in Chinese, see [Blood Spot Collection Card-Chinese Instructions](#) (T800).

Forms:
[Biochemical Genetics Patient Information](#) (T602)

Specimen Type	Temperature	Time	Special Container
Whole blood	Refrigerated (preferred)	10 days	FILTER PAPER
	Ambient	10 days	FILTER PAPER
	Frozen	59 days	FILTER PAPER

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
BA4368	Interpretation (LGBBS)	Alphanumeric		59462-2
BA4367	Globotriaosylsphingosine	Numeric	nmol/mL	92754-1
BA4369	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

Cutoff: < or =0.034 nmol/mL