

Reporting Title: Globotriaosylsphingosine, BS

Performing Location: Rochester

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 (formerly Ahlstrom) 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. Let blood dry completely on filter paper at ambient temperature in a horizontal position for a minimum of 3 hours.
2. At least 1 spot should be complete, (ie, unpunched).
3. Do not expose specimen to heat or direct sunlight.
4. Do not stack wet specimens.
5. 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
	Frozen	59 days	FILTER PAPER
	Ambient	10 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