

Reporting Title: LysoPC by LC MS/MS, BS
Performing Location: Rochester

Specimen Requirements:

Supplies: Card-Blood Spot Collection (Filter Paper) (T493)

Container/Tube:

Preferred: Blood Spot Collection Card

Acceptable: PerkinElmer 226 filter paper, Munktell filter paper, Whatman Protein Saver 903 Paper, local newborn screening card, or blood collected in tubes containing ACD or EDTA, and then spotted and dried on filter paper

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 Dried Blood Spot Samples](#).
2. Completely fill at least 2 circles on the filter paper card (approximately 100 microliters blood per circle).
3. Let blood dry on the filter paper at ambient temperature in a horizontal position for a minimum of 3 hours.
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

1. [Biochemical Genetics Patient Information](#) (T602)
2. If not ordering electronically, complete, print, and send a [Biochemical Genetics Test Request](#) (T798) with the specimen.

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
Whole blood	Refrigerated (preferred)	90 days	FILTER PAPER
	Frozen	90 days	FILTER PAPER
	Ambient	28 days	FILTER PAPER

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
34860	C20 Lysophosphatidylcholine	Numeric	nmol/mL	90920-0
34861	C22 Lysophosphatidylcholine	Numeric	nmol/mL	90921-8
34862	C24 Lysophosphatidylcholine	Numeric	nmol/mL	90922-6

34863	C26 Lysophosphatidylcholine	Numeric	nmol/mL	90923-4
34864	Reviewed By	Alphanumeric		18771-6
34865	Interpretation (LPCBS)	Alphanumeric		59462-2

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

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

Analyte	Normal Range (nmol/mL)
C20 Lysophosphatidylcholine	Not applicable
C22 Lysophosphatidylcholine	Not applicable
C24 Lysophosphatidylcholine	< or =0.41
C26 Lysophosphatidylcholine	< or =0.31