

Reporting Title: PBG and ALA, P  
Performing Location: Rochester

Shipping Instructions:  
Ship specimens refrigerated or frozen [and in amber vial to protect from light.](#)

Necessary Information:  
Include a list of medications the patient is currently taking.

Specimen Requirements:  
**Patient Preparation:** Patient should abstain from alcohol for at least 24 hours prior to specimen collection.  
**Supplies:** Amber Frosted Tube, 5mL (T915)  
**Collection Container/Tube:**  
**Preferred:** Green top (sodium heparin)  
**Acceptable:** Green top (lithium heparin), lavender top (EDTA), yellow top (ACD A or B)  
**Submission Container/Tube:** Amber vial  
**Specimen Volume:** 1 mL  
**Collection Instructions:**

1. It is recommended that specimen collection occur during the acute phase. Porphobilinogen and aminolevulinic acid may be normal when the patient is not exhibiting symptoms.
2. Centrifuge and aliquot plasma into plastic vial.

Forms:  
[If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request](#) (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma	Frozen (preferred)	21 days	LIGHT PROTECTED
	Refrigerated	7 days	LIGHT PROTECTED

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
38029	Porphobilinogen, P	Numeric	nmol/mL	17474-8
38028	Aminolevulinic Acid, P	Numeric	nmol/mL	79646-6
38030	Interpretation (PBALP)	Alphanumeric		59462-2
38031	Reviewed By	Alphanumeric		18771-6

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

Supplemental Report:  
No

CPT Code Information:

82542

82135

Reference Values:

Porphobilinogen: < or =0.5 nmol/mL

Aminolevulinic Acid: < or =0.5 nmol/mL