
Reporting Title: Mephobarbital and Phenobarbital, S
Performing Location: Rochester**Specimen Requirements:**

Collection Container/Tube: Red top (Serum gel/SST are not acceptable)

Submission Container/Tube: Plastic vial

Specimen Volume: 1.2 mL

Collection Instructions:

1. Draw blood immediately before next scheduled dose.
2. Centrifuge and aliquot serum in plastic vial within 2 hours of collection.

Specimen Minimum Volume:

0.7 mL

Forms:

If not ordering electronically, complete, print, and send a Therapeutics Test Request (T831) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum Red	Refrigerated (preferred)	14 days	
	Ambient	14 days	
	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
89706	Mephobarbital, S	Numeric	mcg/mL	3750-7
84582	Phenobarbital, S	Numeric	mcg/mL	3948-7

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
MBARS	Mephobarbital, S			Yes	No
PHBRS	Phenobarbital, S			Yes	No

CPT Code Information:

80345
G0480 (if appropriate)

Reference Values:**MEPHOBARBITAL**

Therapeutic range: 1.0-7.0 mcg/mL
Toxic concentration: > or =15.0 mcg/mL

PHENOBARBITAL

Therapeutic range
Children: 15.0-30.0 mcg/mL
Adults: 20.0-40.0 mcg/mL
Toxic concentration: > or =60.0 mcg/mL