

## Mephobarbital and Phenobarbital, Serum

**Test ID:** MEPHS

**Explanation:**

On the effective date this test will become obsolete. Please see the recommended alternative below for phenobarbital confirmation testing.

**Recommended Alternative Test:**

### Phenobarbital, Serum

**Test ID:** PBR

**Methodology:**

Kinetic Interaction of Microparticles in a Solution (KIMS)

**Reference Values:**

Therapeutic: 10.0-40.0 mcg/mL

Critical value: > or =60.0 mcg/mL

**Specimen Requirements:**

**Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Specimen Volume:** 0.5mL

**Collection Instructions:**

1. Serum gel tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should be centrifuged, and the serum aliquoted into a plastic vial within 2 hours of collection.

**Minimum Volume:** 0.25mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
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Serum	Refrigerated (preferred)	7 days
	Ambient	72 hours
	Frozen	28 days

**CPT Code:**

80184

**Day(s) Performed:** Monday through Sunday

**Report Available:** Same day/1 day

**Questions**

Contact Mayo Clinic Laboratories, Laboratory Resource Coordinator at 800-533-1710.