

**NEW TEST ANNOUNCEMENT**  
**CPT CODE UPDATE**

**NOTIFICATION DATE:** May 19, 2009

**EFFECTIVE DATE:** May 19, 2009

**MEPHOBARBITAL AND PHENOBARBITAL, SERUM**  
**#83778**

**EXPLANATION:** An update of the CPT code has been identified since the announcement of this test dated May 15, 2009. Please see the updated CPT code below.

**USEFUL FOR:** Monitoring of mephobarbital and phenobarbital therapy.

**METHODOLOGY:** Gas Chromatography-Mass Spectrometry (GC-MS)

**REFERENCE VALUES:**

**MEPHOBARBITAL**

Therapeutic range: 1.0-7.0 mcg/mL

Toxic concentration:  $\geq 15.0$  mcg/mL

**PHENOBARBITAL**

Therapeutic range:

Children: 15.0-30.0 mcg/mL

Adults: 20.0-40.0 mcg/mL

Toxic concentration:  $\geq 60.0$  mcg/mL

Concentration at which toxicity occurs varies and should be interpreted in light of the clinical situation.

**SPECIMEN REQUIREMENTS:** Draw blood in a plain, red-top tube(s). (Serum gel tube is not acceptable.) Spin down and send 2 mL of serum refrigerated.

**LIST FEE:** \$158.60

**PREVIOUS CPT CODE:** 82205/x2

**UPDATED CPT CODE:**

80184/Phenobarbital

82205/Barbiturates

**ANALYTIC TIME:** Same day/1 day

**DAY(S) SET-UP:** Monday through Friday

**QUESTIONS:** Contact your Mayo Medical Laboratories' Regional Manager  
Jim Nielsen, Mayo Medical Laboratories' Technologist Support  
Telephone: 800-533-1710