



**MAYO CLINIC**  
Mayo Medical Laboratories

1-800-533-1710

**REFERRAL TEST OBSOLETE**

**NOTIFICATION DATE:** June 2, 2009

**EFFECTIVE DATE:** July 3, 2009

**ACETYLMORPHINE (6-MAM), HEROIN METABOLITE, GC/MS  
CONFIRMATION  
#90104**

**EXPLANATION OF CHANGE:** Effective July 3, 2009 Unit Code 90104, referred to Medtox Laboratories Inc., will become obsolete.

**ALTERNATIVE MAYO TEST:** #89605, 6-Monoacetylmorphine (6-MAM)

**METHODOLOGY:** Gas Chromatography-Mass Spectrometry

**SPECIMEN REQUIREMENTS:** 20 mL from a random urine collection. No preservative. Send specimen refrigerated in a plastic, 60-mL urine bottle. Minimum volume of 2.1 mL

**CAUTIONS:** While 6-MAM is metabolized to morphine, the presence of morphine alone is not sufficient evidence to prove heroin use. 6-MAM is the only definitive metabolite of heroin.

**LIST FEE:** \$134.70

**CPT CODE:** 83925

**ANALYTIC TIME:** 2 days

**DAY(S) SET-UP:** Sunday-Friday

**QUESTIONS:** Contact Mayo Medical Laboratories  
Telephone: 800-533-1710