

# **NEW TEST ANNOUNCEMENT**

**NOTIFICATION DATE:** August 30, 2010 **EFFECTIVE DATE:** September 3, 2010

# CYTOCHROME P450 2C9 GENOTYPE BY SEQUENCE ANALYSIS, BLOOD #60528

**EXPLANATION:** An immediate change to a new methodology is needed for test #83652, due to lack of reagent supply for the current method. This method change necessitates a new unit code.

### **PROFILE INFORMATION:**

Unit Code	Reporting Name	Available Separately	Always Performed
83652	CYP2C9 Sequence Genotype	No	Yes
60417	CYP2C9 Sequencing	No	Yes

## **ADDITIONAL TESTS:**

Unit Code	Reporting Name	Available Separately	Always Performed
81769	Rapid DNA Extraction	No	Yes

### **TESTING ALGORITHM:**

When this test is ordered, DNA extraction will always be performed at an additional charge. **NOTE:** If multiple drug metabolism genotype tests are ordered on the same patient and a single specimen is submitted for testing, the DNA extraction will only be charged once.

**CURRENT METHODOLOGY**: Polymerase Chain Reaction (PCR) with Allele-Specific Primer Extension (ASPE)

**NEW METHODOLOGY**: Polymerase Chain Reaction (PCR) Followed by DNA Sequence Analysis

**NEW LIST FEE:** \$483.30 \$639.30 = Total List Fee

The following test(s) will be added at additional charge: \$156.00 for #81769 "Rapid DNA Extraction"

**NOTE:** If multiple drug metabolism genotype tests are ordered on the same patient and a single specimen is submitted for testing, the DNA extraction will only be charged once.

**CPT CODE:** "Cytochrome P450 2C9 Genotype by Sequence Analysis"

83892/Enzymatic digestion

83894/Separation by gel electrophoresis

83900/Amplification, target, multiplex, first 2 nucleic acid sequences

83901/x1 Amplification, target, multiplex, each additional nucleic acid sequence beyond 2

83912/Intrepretation and report

"CYP2C9 Gene Sequencing": 83909/x6
"Rapid DNA Extraction": 83890

ANALYTIC TIME: 5 days DAY(S) SET UP: Varies

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Shirley Pokorski, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710