

## **NEW TEST ANNOUNCEMENT**

MML NEW ENGLAND

**NOTIFICATION DATE:** December 15, 2010 **EFFECTIVE DATE:** January 18, 2011

# ASCORBIC ACID, PLASMA #60296

EXPLANATION: Mayo Medical Laboratories New England Ascorbic Acid, Plasma #60296, will be replacing Rochester Ascorbic Acid, Plasma #8312, which will be made obsolete on January 18, 2011

### **USEFUL FOR:**

- Diagnosing vitamin C deficiency
- As an aid to deter excessive intake

**METHODOLOGY**: Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

**REFERENCE VALUES:** 0.6 – 2.0 mg/dL

### **SPECIMEN REQUIREMENTS:**

Container/Tube: Green-top (heparin) tube(s)-Specimen not protected from light is not

acceptable.

**Specimen Volume:** 1 mL of plasma

**Collection Instructions:** Fasting-overnight (12-14 hour) (infants-draw prior to next feeding). Water can be taken as needed. Immediately place specimen on wet ice. Maintain specimen on wet ice and process within 4 hours of draw. Centrifuge at 4 degrees C and send specimen frozen in an amber vial (Supply T192) to protect from light.

#### **CAUTIONS:**

- Testing of nonfasting specimens or the use of vitamin supplementation can result in elevated plasma vitamin concentrations. Reference values were established in patients who were fasting.
- After consuming vitamin C, plasma values rapidly rise within 1 to 2 hours and reach peak concentration within 3 to 6 hours after ingestion.

LIST FEE: \$ 192.00 CPT CODE: **82180** 

ANALYTIC TIME: 2 days DAY(S) SET UP: Monday through Friday, 1<sup>st</sup> shift

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager Mary Erath, Mayo Medical Laboratories' Technologist Support Telephone: 800-533-1710