

## **NEW TEST ANNOUNCEMENT**

MML NEW ENGLAND

**NOTIFICATION DATE:** May 22, 2013 **EFFECTIVE DATE:** June 3, 2013

# CYTOMEGALOVIRUS DNA DETECTION AND QUANTIFICATION, PLASMA

Test ID: CMVQU

**USEFUL FOR:** Detection and quantification of cytomegalovirus (CMV) viremia, and monitoring CMV disease progression and response to antiviral therapy.

**EXPLANATION:** This new test will replace the current laboratory-developed assay, Cytomegalovirus PCR, Quant, P (QCMV). It offers the following advantages over the current QCMV:

- 1) FDA-approved for the intended use
- 2) Results are reported in standardized international units (IU/mL)
- 3) The analytical sensitivity is superior to that of the current test

Result correlation is poor between the current and new methods, so from June 3<sup>rd</sup> to July 31<sup>st</sup>, the current QCMV test will be reflexed and reported at no additional charge on positive results to allow for re-baselining of CMV DNA levels in organ transplant recipients. After that time period, the reflex will be discontinued and QCMV will become obsolete.

#### **REFLEX TESTS:**

| Test ID | Reporting Name                | Available Separately | Always Performed |
|---------|-------------------------------|----------------------|------------------|
| QCMV    | Cytomegalovirus PCR, Quant, P | No                   | No               |

#### METHOD:

CMVQU: Real-time polymerase chain reaction followed by TaqMan probe hybridization QCMV: Real-time polymerase chain reaction followed by FRET probe hybridization

**REFERENCE VALUES:** Undetected

**SPECIMEN REQUIREMENTS:** Container/Tube: Lavender-top (EDTA)

Specimen volume: 2.5 mL

### **SPECIMEN STABILITY INFORMATION:**

| Specimen type | Temperature        | Time    |
|---------------|--------------------|---------|
| EDTA Plasma   | Frozen (Preferred) | 21 days |

**CPT CODE**: 87497

**DAY(S) SET UP:** Monday through Friday, **ANALYTIC TIME:** 1 day

1<sup>st</sup> Shift

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Rita M. Baird, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710