MAYO CLINIC
Mayo Medical Laboratories

NEW TEST ANNOUNCEMENT
MML NEW ENGLAND
NOTIFICATION DATE: June 8, 2010
EFFECTIVE DATE: July 8, 2010

HEPATITIS C VIRUS (HCV) RNA DETECTION AND QUANTIFICATION BY REAL-TIME REVERSE TRANSCRIPTION-PCR (RT-PCR), SERUM #600008

NOTE: The testing and reporting is equivalent to Rochester test #83142, HCV RNA Detect/Quant, S.

USEFUL FOR: Diagnosis of acute HCV infection before the appearance of anti-HCV antibodies in serum.

METHODOLOGY: Real-Time Polymerase Chain Reaction (PCR)/DNA Probe Hybridization.

REFERENCE VALUES: Negative

SPECIMEN REQUIREMENTS: Draw blood in a serum gel tube(s). **(Heparinized specimen or serum drawn in a plain, red-top tube is not acceptable).** Spin down within 6 hours of draw, immediately refrigerate specimen, freeze specimen within 12 hours of draw, and send 2.2 mL of serum frozen in a screw-capped, round-bottom, plastic vial. Forward promptly.

NOTE: This test is intended to detect acute and chronic HCV infection and to monitor response to anti-HCV therapy.

CAUTIONS:

- A single negative HCV RNA result with positive anti-HCV antibody status (assay signal-to-cutoff ratio of > or =3.8 by enzyme immuno-assay [EIA], or > or =8.0 by chemiluminescence immunoassay [CIA]), does not necessarily indicate past or resolved HCV infection. Individuals with such results should be retested for HCV RNA in 1 to 2 months, to distinguish between patients with past/resolved HCV infection and those with chronic HCV infection having episodic HCV replication.
- Presence of anti-HCV antibodies (assay signal-to-cutoff ratio of <3.8 by EIA or <8.0 by CIA) in individuals with negative HCV RNA results may be confirmed by #80181 "Hepatitis C Virus Antibody (Anti-HCV) Confirmation, Serum."
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LIST FEE: $ 483.50
CPT CODE: 87522

ANALYTIC TIME: Same day/ 1 day DAY(S) SET UP: Monday through Friday

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Jeremy Caddell, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710