

HCV RNA PCR, Qual, B Testing Obsolete As of 6/6/2014



HCV RNA Detect/Quant, S

HCV RNA Detect/Quant, S will be replacing the current qualitative test effective 6/6/2014. This quantitative assay, Hepatitis C Virus (HCV) RNA Detection and Quantification by Real-Time Reverse Transcription-PCR (RT-PCR, Serum is referred to Mayo Medical Laboratories.

HCV RNA Detect/Quant has a result range of 15 to 100,000,000 IU/mL (1.18 log to 8.00 log IU/mL) for quantification of hepatitis C virus (HCV) RNA in serum.

An "Undetected" result indicates that the HCV is absent in the patient's serum specimen.

A result of "<15 IU/mL (<1.18 log IU/mL)" indicates that HCV RNA is detected, but the HCV RNA level present cannot be quantified accurately below this lower limit of quantification of this assay. When clinically indicated, follow-up testing with this assay is recommended in 1 to 2 months. To assess response-guided therapy eligibility, an "Undetected" result is required, and a result of "<15 IU/mL (<1.18 log IU/mL)" should not be considered equivalent to an "Undetected" result.

A quantitative result expressed in IU/mL and log IU/mL indicates the degree of active HCV viral replication in the patient. Monitoring HCV RNA levels over time is important to assess disease progression and/or monitoring a patient's response to anti-HCV therapy.

A result of ">100,000,000 IU/mL (>8.00 log IU/mL)" indicates the presence of active HCV viral replication, and the HCV RNA level present cannot be quantified accurately above this upper limit of quantification of this assay.

An "Inconclusive" result with the comment "Inconclusive" result. Submit a new specimen for testing if clinically indicated indicates that inhibitory substance(s) is/are present in the serum specimen tested. When clinically indicated, collection of a new serum specimen for retesting is recommended.

Sample requirement: serum SST, spun within 6 hours of collection, frozen immediately, shipped on dry ice only. If shipment delayed for >24 hours, freeze at -70 degrees C (up to 35 days)

If you have questions, please contact S. Eastep, M.D. (218)249-3092, Laboratory Medical Director or Sue Bachinski, MT(ASCP) (218) 249-2445 Laboratory Operations Manager.