Hepatitis C Virus Genotype

Use
Determine the Hepatitis C Virus Genotype.

Clinical Benefits
* Identifies the infecting HCV genotype.
* Monitor HCV genotype specific drug responses.
* Detects infection with multiple HCV genotypes.
* Assists in monitoring disease progression.
* Assists in optimizing individualized drug therapy.

Clinical Indications
Different Hepatitis C Virus genotypes react differently to therapeutic interventions. Determining the HCV genotype is of prime clinical importance in determining the proper duration and nature of anti-HCV treatment. When combined with the NGI SuperQuant assay for the quantitation of HCV RNA, HCV genotype information provides superior understanding of the status of the HCV infection.

Methodology
Polymerase Chain Reaction using Siemens Probe Arrays for HCV genotype determination.

Genotype Detection
Determines the 6 major HCV genotypes and their most common subtypes.

Reference Range
Undetected
Interpretation: an undetected result indicates absence of the target viral nucleic acid

References
Ordering Information

HCV Genotype only
NGI Test Code: 941

HCV Genotype with SuperQuant HCV Quantitation
NGI Test Code: 942

When ordering through Laboratory Corporation of America, use Test Code: 140619

HCV RNA Specimen Collection & Handling Tips

I. Type of Specimen*

a. One 7 mL PPT Tube
b. or 1 mL frozen serum or plasma (EDTA or ACD plasma. Do not use heparinized samples).

* During a clinical trial the same type of specimen should be used throughout the trial.

II. Method of Collection

When using PPT Tubes

a. Collect blood directly into PPT tubes.
b. Centrifuge to separate plasma from cells as soon as possible (within 1 hour of draw).
c. Ship separated PPT at room temperature.

When not using PPT Tubes

a. Blood should be collected in EDTA, ACD, CPD or SST tubes. Do not use heparin.
b. Centrifuge to separate plasma/serum from cells. Centrifugation should be performed within 1 hour of draw.
c. Transfer plasma/serum to a screw-cap cryo tube.
d. Ship frozen plasma or serum on dry ice.

Do not send frozen specimens in Glass Containers

III. Shipping

a. Ship by overnight courier (i.e., FED EX, etc.)
b. Package according to regulations regarding shipment of infectious material.
c. When shipping frozen specimens, ship on enough dry ice to last 48 hours.

“This test performed pursuant to a license agreement with Roche Molecular Systems, Inc.”