MAYO CLINIC LABORATORIES

Test Definition: FH3N5

HCV RNA Genotype 3 NS5a Drug Resist

Overview

Method Name
Polymerase Chain Reaction (PCR); Sequencing

NY State Available
Yes

Specimen

Specimen Type
Varies

Specimen Required
Submit one of the following:

Plasma:

Draw blood in a (lavender-top) EDTA tube(s). (Plasma gel tube is acceptable.) Spin down and send 2 mL plasma refrigerated in a plastic vial.

Serum:

Draw blood in a plain red-top tube(s). (Serum gel tube is acceptable.) Spin down and send 2 mL serum refrigerated in a plastic vial.

Reject Due To

Hemolysis	Mild OK, Gross reject
Lipemia	Mild OK, Gross reject
Icterus	NA
Other	Heparin plasma

Specimen Minimum Volume
0.6 mL

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	14 days	
	Frozen	42 days	
	Ambient		

Clinical & Interpretive

Clinical Information

The clinical significance for antiviral therapy of NS5a resistance associated variants may vary according to the clinical status and antiviral treatment experience of the HCV-infected patient.

Reference Values

HCV NS5a Subtype: Not Predicted

Performance

Method Description

This assay is designed to amplify HCV Genotype 3 and may not successfully amplify other HCV genotypes.

This test utilizes RT-PCR and DNA sequencing to detect the presence of treatment-emergent HCV genotype 3 NS5a variants associated with NS5a inhibitor antiviral therapy.

PDF Report

No

Performing Laboratory Location

Quest Diagnostics

Fees & Codes

Test Classification

This test was developed and its analytic performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for

clinical purposed.

CPT Code Information

87902

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
FH3N5	HCV RNA Genotype 3 NS5a Drug Resist	82525-7

Result ID	Reporting Name	LOINC®
Z4852	HCV NS5a Subtype	82514-1
Z4853	Daclatasvir Resistance	82379-9
Z4854	Velpatasvir Resistance	82520-8