MAYO CLINIC LABORATORIES

1-800-533-1710

FH1N5

Hepatitis C Viral RNA Genotype 1 NS5a Drug Resistance

Patient ID	Patient Name		Birth Date	Sex	Age
SA00181969	SAMPLEREPORT, FH1N5 N		2001-01-01	F	25
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00181969	SA00181969	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		25 Oct 2026 14:00			

HCV RNA Genotype 1 NS5a Drug Resist

HCV NS5a Subtype Y038

NOT DETECTED

Daclatasvir Resistance Y038

NOT PREDICTED

Ledipasvir Resistance Y038

NOT PREDICTED

Ombitasvir Resistance Y038

NOT PREDICTED

Elbasvir Resistance Y038

NOT PREDICTED

Velpatasvir Resistance Y038

NOT PREDICTED

This assay is designed to amplify HCV genotypes 1a and 1b, with viral loads greater than or equal to 630 IU/ml for 1a and 20,488 IU/ml for 1b and may not successfully amplify other HCV genotypes.

This test utilizes RT-PCR and DNA sequencing to detect the presence of treatment-emergent HCV NS5a variants associated with Ns5a inhibitor antiviral therapy.

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

Testing for NS5a resistance-associated variants prior to initiation of treatment with elbasvir plus grazoprevir in HCV genotype 1a infected patients is recommended.

For further guidance consult with the package Inserts of the applicable direct acting agents and guideline documents such as the AASLD and IDSA guidelines available at http://hcvguidelines.org.
For additional information, please refer to http://education.questdiagnostics.com/faq/FAQ173(This link is being provided for informational/ educational purposes only.)

This test was developed and its analytical 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 purposes.

Received: 26 Oct 2026 14:02 **Reported:** 28 Oct 2026 10:18

Test Environment
LTCSF Template

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y038	Quest Diagnostics	33608 Ortega Highway, San Juan Capistrano, CA 92675		