

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 8/12/1961
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Hepatitis C Virus (HCV) Genotype with Reflex to HCV High-Resolution Genotype by Sequencing

ARUP test code 2009255

HCV Genotype by Sequencing

1a or 1b

The limitations inherent in sequencing the 5'UTR region prevented further subtyping of Type 1. In some cases, Type 6 viruses may be misclassified as Type 1. Refer to the results provided by the high-resolution genotype portion of the assay for subtyping.

Reflex test: If HCV Genotype result is "1a or 1b", or a mixed genotype containing Type 1, or Type 6, then Hepatitis C High Resolution Genotyping will be added. Additional charges apply.

INTERPRETIVE INFORMATION: Hepatitis C Genotyping

Hepatitis C Viral RNA is tested using reverse transcription polymerase chain reaction (RT-PCR) to amplify a specific portion of the 5' untranslated region (5' UTR) of the viral genome. The amplified nucleic acid is sequenced bi-directionally using dye-terminator chemistry (ABI). Sequencing data is compared to a database of characterized sequences.

Isolates of hepatitis C virus are grouped into six major genotypes (1-6). These genotypes are subtyped according to sequence characteristics. Due to high conservation of the 5' un-translated region of the HCV genome, this test has limitations in differentiating subtype 1a from 1b. Therefore, these subtypes will be reported as 1a or 1b. In rare instances, Type 6 virus may be misclassified as Type 1.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Hepatitis C Virus High-Resolution Genotype by Sequencing

ARUP test code 2006898

Hepatitis C High-Res Genotype by Seq

1a

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 20-057-122135
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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INTERPRETIVE INFORMATION: Hepatitis C High Resolution Genotype

Hepatitis C viral RNA is assayed using reverse transcription polymerase chain reaction (RT-PCR) to amplify specific portions of both the Core and NS5B regions of the viral genome. The amplified nucleic acid is sequenced bi-directionally using dye-terminator chemistry (ABI). Sequencing data is compared to a database of characterized sequences.

Isolates of hepatitis C virus are grouped into six major genotypes(1-6). These genotypes are subtyped according to sequence characteristics. Sequencing both the Core and NS5B regions allows for subtyping of all confirmed and most provisional genotypes, including differentiation of 1a from 1b and typing of genotype 6.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
HCV Genotype by Sequencing	20-057-122135	2/26/2020 3:04:00 PM	2/27/2020 6:22:19 PM	2/29/2020 4:42:00 PM
Hepatitis C High-Res Genotype by Seq	20-057-122135	2/26/2020 3:04:00 PM	2/29/2020 4:42:31 PM	3/4/2020 8:16:00 AM

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

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