

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: Unknown
Gender: Unknown
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Hepatitis C Virus High-Resolution Genotype by Sequencing

ARUP test code 2006898

Hepatitis C High-Res Genotype by Seq

Indeterminate

Hepatitis C genotyping is indeterminate. This test may be unsuccessful if the HCV RNA viral load is less than log 4.2 or 16,000 IU per mL. In addition to low viral load, other conditions such as PCR inhibitors, viral genetic variation, etc., may cause RT-PCR failure, resulting in an indeterminate result.

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 bidirectionally 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.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hepatitis C High-Res Genotype by Seq	24-257-102671	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 24-257-102671
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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