

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 3/30/1980  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**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.

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

**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:

**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.

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

**VERIFIED/REPORTED DATES**

Procedure	Accession	Collected	Received	Verified/Reported
HCV Genotype by Sequencing	24-081-130400	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hepatitis C High-Res Genotype by Seq	24-081-130400	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:*