

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/28/1996  
**Gender:** Female  
**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 5.0 or 100,000 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 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.

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

VERIFIED/REPORTED DATES

| Procedure                            | Accession     | Collected        | Received         | Verified/Reported |
|--------------------------------------|---------------|------------------|------------------|-------------------|
| Hepatitis C High-Res Genotype by Seq | 24-003-122434 | 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: 24-003-122434  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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