Hepatitis C Virus Genotype by Sequencing
ARUP test code 0055593

HCV Genotype by Sequencing

**Mixed**

Hepatitis C genotype is 1 and 2. The Hepatitis C Virus High-Resolution Genotype by Sequencing test (ARUP test code 2006898) provides a higher level of subtype resolution.

**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

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**VERIFIED/REPORTED DATES**

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Accession</th>
<th>Collected</th>
<th>Received</th>
<th>Verified/Reported</th>
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<tbody>
<tr>
<td>HCV Genotype by Sequencing</td>
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<td>2/7/2018 4:00:00 AM</td>
<td>2/8/2018 6:34:09 AM</td>
<td>2/10/2018 1:15:00 PM</td>
</tr>
</tbody>
</table>

END OF CHART

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