### New Test 2014139:
**Hepatitis C Virus (HCV) NS5A Drug Resistance by Sequencing**

<table>
<thead>
<tr>
<th>Methodology:</th>
<th>Polymerase Chain Reaction/Sequencing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performed:</td>
<td>Mon</td>
</tr>
<tr>
<td>Reported:</td>
<td>10-13 days</td>
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</tbody>
</table>

**Specimen Required:**
- **Collect:** Lavender (EDTA), Pink (K$_2$EDTA), Plasma Preparation Tube (PPT), or Serum Separator Tube (SST).
- **Specimen Preparation:** Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 1 mL)
- **Storage/Transport Temperature:** Frozen.
- **Unacceptable Conditions:** Heparinized specimens.
- **Stability (collection to initiation of testing):** Ambient: Unacceptable; Refrigerated: 72 hours; Frozen: 4 months

**Reference Interval:** By Report

**Interpretive Data:** This assay detects resistance-associated variants in NS5A codons 20-101 for HCV genotypes 1a and 1b. Variants in viral sub-populations below 20 percent of total may not be detected. For further information, please refer to drug package inserts for the applicable direct-acting antiviral drug and current HCV treatment guidelines (eg., AASLD/IDSA guidelines or EASL HCV treatment recommendations).

See Compliance Statement B: www.aruplab.com/CS

**Note:** This test may be unsuccessful if the HCV RNA viral load is less than log 3.4 or 2500 IU/mL and/or if the HCV RNA genotype is not 1a or 1b.

**CPT Code(s):** 87902

New York DOH approval pending. Call for status update.

**HOTLINE NOTE:** Refer to the Test Mix Addendum for interface build information.