HIV-1 Genotype by Sequencing

**Indeterminate**

HIV-1 GENOTYPING IS INDETERMINATE. In most cases, samples below the lower limit of detection of the assay (approximately 1,000 copies/mL) cannot be sequenced. In addition to low viral load, other conditions such as PCR inhibitors and viral genetic variation may cause PCR failure and result in an indeterminate result.

**INTERPRETIVE INFORMATION: HIV-1 Genotyping**

This assay predicts HIV-1 resistance to protease and reverse transcriptase inhibitor anti-retroviral drugs. The protease gene and codons 1-335 of the reverse transcriptase gene of the viral genome are sequenced using the Virosel HIV-1 Genotyping System kit. Drug resistance is assigned using Virosel software. The most current resistance algorithm and drug list is available by selecting the Drug Resistance Report found in the test directory.

This test should be used in conjunction with clinical presentation and other laboratory markers. A patient’s response to therapy depends on multiple factors, including patient compliance, percentage of resistant virus population, dosing, and drug pharmacology issues. Resistance interpretations may vary with methodology.

Some insertions or deletions may be difficult to detect using this software. This test may not detect minor HIV-1 populations less than 20 percent of the total population.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

EER HIV-1 Genotype by Sequencing

**See Note**

Access ARUP Enhanced Report using the link below:

- Direct access:
## VERIFIED/REPORTED DATES

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Accession</th>
<th>Collected</th>
<th>Received</th>
<th>Verified/Reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV-1 Genotype by Sequencing</td>
<td>20-288-139395</td>
<td>00/00/0000 00:00</td>
<td>00/00/0000 00:00</td>
<td>00/00/0000 00:00</td>
</tr>
<tr>
<td>EER HIV-1 Genotype by Sequencing</td>
<td>20-288-139395</td>
<td>00/00/0000 00:00</td>
<td>00/00/0000 00:00</td>
<td>00/00/0000 00:00</td>
</tr>
</tbody>
</table>

END OF CHART