<table>
<thead>
<tr>
<th>HLA Class I</th>
<th>HLA Class II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Allele 1</td>
<td>02:01</td>
</tr>
<tr>
<td>Allele 2</td>
<td>29:02</td>
</tr>
</tbody>
</table>

Interpretation of allele codes can be found at http://bioinformatics.nmdp.org/HLA/alpha.v3.html.
INTERPRETIVE INFORMATION: HLA Class I and II 7 Loci Panel

NGS

Purpose: To identify HLA-A, -B, -C, -DRB1, -DQA1, -DQB1 and
-DPB1 allelic polymorphisms on specimens for transplant
candidates and their donors.

Methodology: PCR followed by next generation sequencing of
HLA-A, -B, -C, -DRB1, -DQA1, -DQB1, and -DPB1 loci.

Analytical Sensitivity & Specificity: >99 percent.

Limitations: Rare diagnostic errors can occur due to primer site
mutations.

Test Results: Results are reported as HLA locus (A, B, C, DRB1,
DQA1, DQB1, DPB1)* followed by the two-field (four digit)
asigned allele.

Disclaimer Information:

HLA typing is performed by one or more of the following
methodologies: next generation sequencing (NGS) and/or sequence
specific probe hybridization (SSOP). The NMDP code provides
possible rare alleles that cannot be ruled out. Additional
unknown DNA polymorphisms could exist outside of the regions
analyzed, the significance of which is not known.

This test was developed and its performance characteristics
determined by the Histocompatibility & Immunogenetics laboratory
at the University of Utah Health, and has not been cleared or
approved by the U.S. Food and Drug Administration (FDA). The FDA
has determined that such clearance or approval is not necessary.
This test is used for clinical purposes; it should not be
regarded as investigational or for research. The University of
Utah Histocompatibility & Immunogenetics laboratory is certified
under the Clinical Laboratory Improvement Amendments of 1988
(CLIA-88) as qualified to perform high complexity clinical
laboratory testing.

Performed at: Histocompatibility & Immunogenetics Laboratory,
University of Utah Health, 417 Wakara Way, Suite 3220, Salt Lake
City, UT 84108.
CLIA Number: 46D0679773

Patient: 

Date of Birth: 

Sex: 

Physician: 

Visit Number (FIN): 

Patient Identifiers: 

ARUP Enhanced Reporting | March 29, 2024 | page 2 of 2

END OF CHART