

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 5/31/2001  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**HLA Class I and II Panel (A,B,C,DRB1, DQA1, DQB1, DPB1) by Next Generation Sequencing**

ARUP test code 3002061

HLA Class I-Locus A\*, Allele 1 01:01  
Performed By: UUH Histocompatibility and Immunogenetic  
417 wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class I-Locus A\*, Allele 2 03:01  
Performed By: UUH Histocompatibility and Immunogenetic  
417 wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class I-Locus B\*, Allele 1 38:01  
Performed By: UUH Histocompatibility and Immunogenetic  
417 wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class I-Locus B\*, Allele 2 38:01  
Performed By: UUH Histocompatibility and Immunogenetic  
417 wakara Way  
Suite 3220  
Salt Lake City, UT 84108

Bw, Allele 1 4  
Performed By: UUH Histocompatibility and Immunogenetic  
417 wakara Way  
Suite 3220  
Salt Lake City, UT 84108

Bw, Allele 2 4

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

Unless otherwise indicated, testing performed at:

Performed By: UUH Histocompatibility and Immunogenetic  
417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class I-Locus C\*, Allele 1

12:03

Performed By: UUH Histocompatibility and Immunogenetic  
417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class I-Locus C\*, Allele 2

12:03

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417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class II-Locus DRB1\*, Allele 1

14:54 CENAU

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417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class II-Locus DRB1\*, Allele 2

14:54 CENAU

Performed By: UUH Histocompatibility and Immunogenetic  
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Suite 3220  
Salt Lake City, UT 84108

HLA Class II-Locus DQA1\*, Allele 1

01:04

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417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

HLA Class II-Locus DQA1\*, Allele 2

01:04

Performed By: UUH Histocompatibility and Immunogenetic  
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Suite 3220  
Salt Lake City, UT 84108

HLA Class II-Locus DQB1\*, Allele 1

05:03

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

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Salt Lake City, UT 84108

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HLA Class II-Locus DQB1\*, Allele 2

05:03

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417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

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HLA Class II-Locus DPB1\*, Allele 1

04:01

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417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

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HLA Class II-Locus DPB1\*, Allele 2

04:01

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417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

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HLA Class I and Class II Loci 7 Interp

See Note

Performed By: UUH Histocompatibility and Immunogenetic  
417 Wakara Way  
Suite 3220  
Salt Lake City, UT 84108

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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) assigned 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.

EER HLA Class I and Class II Loci 7

See Note

Access ARUP Enhanced Report using the link below:

-Direct access: [REDACTED]

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
HLA Class I-Locus A*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class I-Locus A*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class I-Locus B*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class I-Locus B*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Bw, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Bw, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class I-Locus C*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class I-Locus C*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DRB1*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DRB1*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DQA1*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DQA1*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DQB1*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DQB1*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DPB1*, Allele 1	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II-Locus DPB1*, Allele 2	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class I and Class II Loci 7 Interp	22-070-400900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER HLA Class I and Class II Loci 7	22-070-400900	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: