

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/31/2001
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

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:

HLA Class I-Locus A*, Allele 2 03:01
Performed By:

HLA Class I-Locus B*, Allele 1 38:01
Performed By:

HLA Class I-Locus B*, Allele 2 38:01
Performed By:

Bw, Allele 1 4
Performed By:

Bw, Allele 2 4
Performed By:

HLA Class I-Locus C*, Allele 1 12:03

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

Unless otherwise indicated, testing performed at:

Performed By:

HLA Class I-Locus C*, Allele 2 12:03
Performed By:

HLA Class II-Locus DRB1*, Allele 1 14:54 CENAU
Performed By:

HLA Class II-Locus DRB1*, Allele 2 14:54 CENAU
Performed By:

HLA Class II-Locus DQA1*, Allele 1 01:04
Performed By:

HLA Class II-Locus DQA1*, Allele 2 01:04
Performed By:

HLA Class II-Locus DQB1*, Allele 1 05:03
Performed By:

HLA Class II-Locus DQB1*, Allele 2 05:03
Performed By:

HLA Class II-Locus DPB1*, Allele 1 04:01
Performed By:

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

Unless otherwise indicated, testing performed at:

HLA Class II-Locus DPB1*, Allele 2

04:01

Performed By:

HLA Class I and Class II Loci 7 Interp

See Note

Performed By:

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:

EER HLA Class I and Class II Loci 7

See Note

Access ARUP Enhanced Report using the link below:

-Direct access:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
HLA Class I-Locus A*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class I-Locus A*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class I-Locus B*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM

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

Unless otherwise indicated, testing performed at:

HLA Class I-Locus B*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
Bw, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
Bw, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class I-Locus C*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class I-Locus C*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DRB1*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DRB1*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DQA1*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DQA1*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DQB1*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DQB1*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DPB1*, Allele 1	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class II-Locus DPB1*, Allele 2	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
HLA Class I and Class II Loci 7 Interp	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM
EER HLA Class I and Class II Loci 7	22-070-400900	3/9/2022 1:33:00 PM	3/18/2022 11:36:51 AM	3/25/2022 2:56:00 PM

END OF CHART

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

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-070-400900
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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