HLA Class I and II Panel (A,B,C,DRB1, DRB345, DQA1, DQB1, DPA1, DPB1) by Next Generation Sequencing

Patient: [redacted]
DOB: [redacted] Age: [redacted] Sex: [redacted]
Patient Identifiers: [redacted]

Visit Number (FIN): [redacted]

Client: [redacted]

Physician: [redacted]

ARUP Test Code: 3002062

Collection Date: 04/20/2022
Received in lab: 04/22/2022
Completion Date: 04/27/2022

	HLA Class I				HLA Class II					
	A	B	Bw	C	DRB1	DRB3,4,5	DQA1	DQB1	DPA1	DPB1
Allele 1	11:01	44:02	4	05:01	08:01 DNDFM	3*02:02 ASMNG	04:02	03:01	01:03	03:01
Allele 2	25:01	51:01	4	15:02	11:01 AWZTN		05:05	04:02	01:03	04:01

Interpretation of allele codes can be found at http://bioinformatics.nmdp.org/HLA/alpha.v3.html.

INTERPRETIVE INFORMATION: HLA Class I and II 11 Loci Panel NGS

Purpose: To identify HLA-A, -B, -C, -DRB1, -DRB345, -DQA1, -DQB1, -DPA1, 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, -DRB345, -DQA1, -DQB1, -DPA1 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, DRB345, DQA1, DQB1, DPA1, 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.

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