

500 Chipeta Way, Salt Lake City, Utah 84108-1221

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Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Age/Sex: 32 years Female

Specimen Collected: 01-Sep-22 12:44

HLA-C Genotype Procedure	Received: 01-Sep-22 12:50	Report/Verified: 01-Sep-22 12:54
Procedure	Result	Units
		Reference Interval
HLA Class I, Locus C, Allele 1	TEST @1	
HLA Class I, Locus C, Allele 2	TEST @1	
HLA-C Genotype Interpretation	See Note ^{il} @1	

Test Information

il: HLA-C Genotype Interpretation
 INTERPRETIVE INFORMATION: HLA-C Genotype

PURPOSE: For immunization/vaccination trials or to aid the clinical diagnosis of diseases strongly associated with the HLA-C locus.

METHODOLOGY: PCR followed by Sequence Specific Oligonucleotide Probe Hybridization of HLA-C locus.

ANALYTICAL SENSITIVITY & SPECIFICITY: Medium to high resolution of the HLA-C locus.

LIMITATIONS: The presence of a disease-associated HLA combination does not establish a diagnosis. If fewer than 2 alleles are reported for a locus, the patient is likely homozygous. Rare diagnostic errors can occur due to primer or probe site mutations. This test is not sufficient for comprehensive HLA evaluation for clinical hematopoietic stem cell transplantation; for pre-transplant allele matching, consider HLA Class I and II Panel (HLA A, HLA B, HLA C, DRB1, DQA1, DQB1, DPB1) by Next Generation Sequencing (ARUP test code 3002061) or HLA Class I and II Panel (HLA A, HLA B, HLA C, DRB1, DRB345, DQA1, DQB1, DPA1, DPB1) by Next Generation Sequencing (ARUP test code 3002062).

Occasionally the specific allele cannot be determined; in this case, the most likely allele assignment is made followed by a sequence of letters indicating other possible allele assignments. Interpretation of allele codes can be found at <https://bioinformatics.bethematchclinical.org/hla/alpha.v3.html>.

Test systems were developed and their performance characteristics determined by the H&I laboratory at the University of Utah Health, under the accreditation guidelines from the American Society for Histocompatibility and Immunogenetics (ASHI).

Performing Locations

@1: This test was performed at:
 UUH Histocompatibility and Immunogenetic, 417 Wakara Way, Suite 3220, Salt Lake City, UT, 84108- , USA

*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H=High, i=Test Information, L=Low, t=Interpretive Text, @=Performing lab

Unless otherwise indicated, testing performed at:

ARUP Laboratories

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

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