



<u>Procedure</u>	<u>Result</u>	<u>Units</u>	<u>Ref Interval</u>	<u>Accession</u>	<u>Collected</u>	<u>Received</u>	<u>Reported/ Verified</u>
HLA Class II, Locus DQA1*, Allele 1	01:03 @			16-356-900075	21-Dec-16 12:44:00	21-Dec-16 14:37:00	22-Dec-16 13:28:18
HLA Class II, Locus DQA1*, Allele 2	01:01 @			16-356-900075	21-Dec-16 12:44:00	21-Dec-16 14:37:00	22-Dec-16 13:28:18
HLA Class II, Locus DQB1*, Allele 1	03:01 APDEM @			16-356-900075	21-Dec-16 12:44:00	21-Dec-16 14:37:00	22-Dec-16 13:28:18
HLA Class II, Locus DQB1*, Allele 2	05/:02 ANKUV @			16-356-900075	21-Dec-16 12:44:00	21-Dec-16 14:37:00	22-Dec-16 13:28:18
HLA-DQ Genotyping Interpretation	See Note f@			16-356-900075	21-Dec-16 12:44:00	21-Dec-16 14:37:00	22-Dec-16 13:28:18

21-Dec-16 12:44:00 HLA-DQ Genotyping Interpretation:  
 Serologic Equivalent: DQ7, DQ5

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 the allele codes can be found at <https://bioinformatics.bethematchclinical.org/hla/alpha.v3.html>

21-Dec-16 12:44:00 HLA Class II, Locus DQA1\*, Allele 1,HLA-DQ Genotyping Interpretation,HLA Class II, Locus DQB1\*, Allele 1,HLA Class II, Locus DQA1\*, Allele 2,HLA Class II, Locus DQB1\*, Allele 2:  
 Performed at: ARUP - University Hospital Laboratory, 50 N. Medical Drive, Salt Lake City, UT 84132

21-Dec-16 12:44:00 HLA-DQ Genotyping Interpretation:  
 BACKGROUND INFORMATION: HLA-DQ Genotyping

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

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

ANALYTICAL SENSITIVITY AND SPECIFICITY: Medium to high resolution of HLA-DQ 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 (ABC) by Next Generation Sequencing (ARUP test code 2011264) and/or HLA Class II (DRB1 and DQB1) by Next Generation Sequencing (ARUP test code 2011272).

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Counseling and informed consent are recommended for genetic testing. Consent forms are available online at [www.aruplab.com](http://www.aruplab.com).

\* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab