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

Physician: Doctor, Example

Patient: Patient, Example

DOB	11/15/1982
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

HLA-DQ Genotyping

ARUP test code 2014079

HLA Class II, Locus DQA1*, Allele 1	05:01 EAUAF Performed By: UUH Histocompatibility and Immunogenetic 417 Wakara Way Suite 3220 Salt Lake City, UT 84108
HLA Class II, Locus DQA1*, Allele 2	05 EAUAG Performed By: UUH Histocompatibility and Immunogenetic 417 Wakara Way Suite 3220 Salt Lake City, UT 84108
HLA Class II, Locus DQB1*, Allele 1	02:01 EAUAD Performed By: UUH Histocompatibility and Immunogenetic 417 Wakara Way Suite 3220 Salt Lake City, UT 84108
HLA Class II, Locus DQB1*, Allele 2	03:01 EAUAE Performed By: UUH Histocompatibility and Immunogenetic 417 Wakara Way Suite 3220 Salt Lake City, UT 84108
HLA-DQ Genotyping Interpretation	See Note Performed By: UUH Histocompatibility and Immunogenetic 417 Wakara Way Suite 3220 Salt Lake City, UT 84108

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

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 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).

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
HLA Class II, Locus DQA1*, Allele 1	22-320-118943	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II, Locus DQA1*, Allele 2	22-320-118943	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II, Locus DQB1*, Allele 1	22-320-118943	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA Class II, Locus DQB1*, Allele 2	22-320-118943	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
HLA-DQ Genotyping Interpretation	22-320-118943	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