

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 1/3/1964  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**HLA-A Genotype**

ARUP test code 2006984

HLA Class I, Locus A\*, Allele 1                      01:01 DMSGH  
Performed By:

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

HLA-A Genotype Interpretation                      See Note  
Performed By:

INTERPRETIVE INFORMATION: HLA-A Genotype

**PURPOSE:** For immunization/vaccination trials or to aid the clinical diagnosis of diseases strongly associated with the HLA-A locus.  
**METHODOLOGY:** PCR followed by Sequence Specific Oligonucleotide Probe Hybridization of HLA-A locus.  
**ANALYTICAL SENSITIVITY & SPECIFICITY:** Medium to high resolution of HLA-A 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>.

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

Unless otherwise indicated, testing performed at:

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 I, Locus A*, Allele 1	22-062-403771	3/3/2022 2:18:00 PM	3/7/2022 7:35:06 AM	3/14/2022 2:01:00 PM
HLA Class I, Locus A*, Allele 2	22-062-403771	3/3/2022 2:18:00 PM	3/7/2022 7:35:06 AM	3/14/2022 2:01:00 PM
HLA-A Genotype Interpretation	22-062-403771	3/3/2022 2:18:00 PM	3/7/2022 7:35:06 AM	3/14/2022 2:09:00 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: 22-062-403771  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 2 of 2 | Printed: 12/21/2022 10:38:52 AM