

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: ██████████
Sex: ██████
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

BRAF V600E Mutation Detection in Hairy Cell Leukemia by Real-Time PCR, Quantitative

ARUP test code 2007132

BRAF V600E Detection Hairy Cell, Result Not Detected

A BRAF V600E mutation was not detected. This does not exclude the possibility of other codon 600 mutations or mutations at other positions in the BRAF gene. It also does not exclude the possibility of V600E mutations below the assay limit of detection.

This result has been reviewed and approved by ██████████

Test information: BRAF V600E Detection Hairy Cell

This test is designed to detect the point mutation c.1799T>A in the BRAF gene. This point mutation changes the amino acid sequence resulting in p.Val600Glu (V600E). BRAF V600E mutations are present in the majority of cases of classic hairy cell leukemia.

Methodology:
Genomic DNA is isolated from the specimen. The BRAF V600E mutant allele is quantitated by allele-specific real-time PCR. Results are expressed as percent BRAF V600E mutant allele.

Limitations:
Mutations in other locations within the BRAF gene or mutations in other genes will not be detected. The limit of detection for this test is 0.2 percent mutant alleles, which corresponds to 0.4 percent heterozygous mutant cells.

Results of this test must always be interpreted within the clinical context and other relevant data, and should not be used alone for a diagnosis of malignancy.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

BRAF V600E Detection Hairy Cell, Quant 0.0 %

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: 21-260-401604
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
BRAF V600E Detection Hairy Cell, Result	21-260-401604	9/14/2021 10:30:00 AM	9/17/2021 1:18:50 PM	9/22/2021 2 05:00 AM
BRAF V600E Detection Hairy Cell, Quant	21-260-401604	9/14/2021 10:30:00 AM	9/17/2021 1:18:50 PM	9/22/2021 2 05:00 AM

END OF CHART

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

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