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PATIENT REPORT

Patient Age/Sex: 61 years Male

Specimen Collected: 13-Aug-25 06:40

BRAF V600E Detection Hairy Cell, Quant | **Received: 13-Aug-25 06:40** **Report/Verified: 13-Aug-25 07:34**

Procedure	Result	Units	Reference Interval
BRAF HCL,Source	Whole Blood		
BRAF V600E Detection Hairy Cell, Result	**Detected** * f1 i1		
BRAF V600E Detection Hairy Cell, Quant	1.0	%	

Result Footnote

f1: BRAF V600E Detection Hairy Cell, Result

A BRAF V600E mutation (c.1799T>A) was detected by quantitative PCR analysis.

This result has been reviewed and approved by [redacted]

Test Information

i1: BRAF V600E Detection Hairy Cell, Result

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.

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