

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/6/1961
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

JAK2 (V617F) Mutation by ddPCR, Quantitative

ARUP test code 3003751

JAK2 QNT, Source whole Blood

JAK2 V617F Percent Mutated Alleles SEE NOTE %

JAK2 V617F Mutation by PCR

Low Positive *

A JAK2 V617F T-allele is detected in the sample by ddPCR analysis but is below the quantifiable limits of the test (less than 0.5 percent).

This result has been reviewed and approved by [REDACTED]

INTERPRETIVE INFORMATION: JAK2 (V617F) Mutation by ddPCR, Quant

This assay is designed to detect the point mutation c.1849G>T (V617F) of the JAK2 gene. JAK2 V617F mutations are present in patients with myeloproliferative neoplasms.
Methodology: DNA from whole blood or bone marrow specimens is amplified in an allele-specific droplet digital PCR (ddPCR) multiplex reaction targeting the JAK2 c.1849G>T single nucleotide mutation encoding the V617F mutation. Results are reported as a percent mutated alleles versus wild type alleles. The limit of detection for this assay is 0.2 percent mutated alleles.
Limitations: Variants in genes other than JAK2 are not detected. Variant alleles of JAK2 other than V617F (c.1849G>T) are not reported. Samples with JAK2 V617F mutations below the limit of reporting may not be detected.
Results of this test must always be interpreted in the context of morphologic and other relevant data, and should not be used alone for a diagnosis of malignancy. This test is not intended to detect minimal residual disease.
This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
JAK2 QNT, Source	23-038-104893	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
JAK2 V617F Percent Mutated Alleles	23-038-104893	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
JAK2 V617F Mutation by PCR	23-038-104893	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

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: 23-038-104893
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 2/8/2023 3:01:50 PM
4848