

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/2/1939
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

JAK2 (V617F) Mutation by ddPCR, Qualitative With Reflex to CALR (Calreticulin) Exon 9
Mutation Analysis by PCR and MPL Mutation Detection

ARUP test code 3016839

JAK2 QUAL, Source whole blood

JAK2 QUAL Mutation by PCR

Detected *

There is evidence of the JAK2 V617F mutation by ddPCR analysis.
This result has been reviewed and approved by Jeffrey Jacobsen, M.D.

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

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. The limit of detection for this assay is 0.5 percent mutated alleles.

Limitations: Variants in genes other than JAK2 are not detected. JAK2 variants other than V617F (c.1849G>T) are not reported. Samples with JAK2 V617F mutations below the limit of detection are not reported.

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 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

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



VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
JAK2 QUAL, Source	25-064-117043	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
JAK2 QUAL Mutation by PCR	25-064-117043	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