ARUP LABORATORIES
800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Chief Medical Officer

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

Physician: Doctor, Example

Patient: Patient, Example

DOB

Gender: Female

Patient Identifiers: 01234567890ABCD, 012345

Visit Number (FIN): 01234567890ABCD

Collection Date: 00/00/0000 00:00

MPL Mutation Detection by Capillary Electrophoresis
ARUP test code 2005545

MPL Results	**Detected S505N** *

A S505N mutation was detected in the MPL gene.

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

INTERPRETIVE INFORMATION: MPL Mutation Detection by
                          Capillary Electrophoresis
This test is designed to detect W515K, W515L, W515A, and S505N
mutations in exon 10 of the MPL gene. Detection of MPL mutation
is used for diagnosis of patients with myeloproliferative
neoplasms and suggests a diagnosis of either primary
myelofibrosis (PMF) or essential thrombocythemia (ET) in a
subset of patients with non-mutated JAK2.

METHODOLOGY: DNA is isolated and amplified using allele-specific
PCR for codons 505 and 515 of the MPL gene. The resulting
amplicons are resolved via fragment analysis by capillary
electrophoresis to detect the presence of W515K, W515L, W515A,
and S505N mutations.

LIMITATIONS: Mutations other than those specified above, or at
other locations within the MPL gene or in other genes will not
be detected.

Limit of detection for this test is 5 percent mutant allele.

The results of this test must always be interpreted within the
patient's clinical context and in conjunction with other
relevant data. Results 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 US 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

Patient: Patient, Example
ARUP Accession: 22-350-122910
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 2 | Printed: 5/30/2023 2:59:36 PM
4848

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	VERIFIED/REPORTED DATES			
Procedure	Accession	Collected	Received	Verified/Reported
MPL Results	22-350-122910	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

Patient: Patient, Example
ARUP Accession: 22-350-122910
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 5/30/2023 2:59:36 PM
4848