

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 1/17/1988  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Myeloproliferative Disorders Panel by FISH**

ARUP test code 2002360

**MPD Panel by FISH**

See Note (Ref Interval: Normal)

Specimen Received  
Specimen Type: Bone Marrow  
Reason for Referral: Thrombocytosis  
Test Performed: FISH MPD P

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NORMAL FISH RESULTS  
4q12 (FIP1L1/CHIC2/PDGFR): rearrangement not detected  
5q33.1 (PDGFRB): rearrangement not detected  
8p12 (FGFR1): rearrangement not detected  
t(9;22)(q34;q11.2) (ABL1/BCR): translocation not detected

DIAGNOSTIC IMPRESSION:  
Fluorescence in situ hybridization (FISH) analysis was performed with the MPD Panel probes: PDGFRA (Abbott Molecular), PDGFRB, FGFR1 (CytoCell) and BCR/ABL1/ASS1 Tricolor (Abbott Molecular). 200 interphase cells were scored for each probe combination.

This analysis showed normal results with no evidence of a rearrangement of PDGFRA, PDGFRB, or FGFR1, or a 9;22 translocation resulting in BCR-ABL1 rearrangement.

ISCN:  
nuc ish(FIP1L1/CHIC2/PDGFR, PDGFRB, FGFR1, ABL1, BCR)x2[200]

This result has been reviewed and approved by [REDACTED], Ph.D., FACMG

INTERPRETIVE INFORMATION: Myeloproliferative Disorders Panel by FISH

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

**EER FISH MPD P**

See Note

Access ARUP Enhanced Report using the link below:

-Direct access:

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
MPD Panel by FISH	20-093-115062	4/2/2020 11:10:00 AM	4/3/2020 7:02:30 AM	4/5/2020 12:08:00 PM
EER FISH MPD P	20-093-115062	4/2/2020 11:10:00 AM	4/3/2020 7:02:30 AM	4/5/2020 12:08:00 PM

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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 20-093-115062  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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