

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** Unknown  
**Gender:** Unknown  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Myeloproliferative Disorders Panel by FISH**

ARUP test code 2002360

**MPD Panel by FISH**

Normal (Ref Interval: Normal)  
Test Performed: Myeloproliferative Disorders Panel by FISH (FISH MPD P)  
Specimen Type: Bone Marrow  
Indication for Testing: Polycythemia Vera

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**RESULT**  
Normal FISH Result

4q12 FIP1L1::PDGFRA Fusion: not detected  
5q32 (PDGFRB) Rearrangement: not detected  
8p11.2 (FGFR1) Rearrangement: not detected  
t(9;22) BCR::ABL1 Fusion: not detected

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**INTERPRETATION**  
There was no evidence of FIP1L1::PDGFRA fusion due to 4q12 (CHIC2) deletion, 5q32 (PDGFRB) rearrangement, 8p11.2 (FGFR1) rearrangement, or BCR::ABL1 fusion due to translocation (9;22)(q34;q11.2).

This analysis was performed with the MPD panel probes PDGFRA (Abbott Molecular), PDGFRB, FGFR1 (CytoCell) and BCR/ABL1/ASS1 (Abbott Molecular). A total of 200 cells were scored for each probe.

Cytogenomic Nomenclature (ISCN):  
nuc  
ish(FIP1L1, CHIC2, PDGFRA, PDGFRB, FGFR1, D8Z2, ASS1, ABL1, BCR)x2[200]

This result has been reviewed and approved by [REDACTED]

**INTERPRETIVE INFORMATION:** Myeloproliferative Disorders Panel by FISH

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.

**EER FISH MPD P**

See Note

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
MPD Panel by FISH	24-110-115195	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER FISH MPD P	24-110-115195	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: 24-110-115195  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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