

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 3/15/1938
Gender: Male
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

See Note (Ref Interval: Normal)
Test Performed: Myeloproliferative Disorders Panel by FISH (FISH MPD P)
Specimen Type: Bone marrow
Indication for Testing: MDS - Evaluate for NHL

RESULT
Abnormal FISH Results

4q12 FIP1L1-PDGFR A Fusion: not detected
5q32 (PDGFRB) Rearrangement: not detected
5q32 (PDGFRB) Loss: DETECTED
8p11.2 (FGFR1) Rearrangement: not detected
Trisomy 8: DETECTED
t(9;22) BCR-ABL1 Fusion: not detected

INTERPRETATION
This analysis showed signal patterns consistent with:
- a 5q32 (PDGFRB) loss in 22/200 (11.0 percent) cells scored.
- an 8p11.2 (FGFR1) and centromere (D8Z2) loci gain (trisomy 8) in 184/200 (92.0 percent) cells scored.

FISH analysis with the remaining probes showed normal results.
Trisomy 8 is a recurrent finding in myeloid disorders including MPN, MDS, and AML.

Please correlate this result with clinical and other laboratory findings.

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)x2[200]
(PDGFRBx1)[22/200],(FGFR1,D8Z2)x3[184/200],
(ASS1,ABL1,BCR)x2[200]

This result has been reviewed and approved by [REDACTED]

A portion of this analysis was performed at the following location(s):
[REDACTED]

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

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

Access ARUP Enhanced Report using the link below:



VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
MPD Panel by FISH	22-094-107910	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER FISH MPD P	22-094-107910	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