

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 2/10/1957
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Eosinophilia Panel by FISH

ARUP test code 2002378

Eosinophilia Panel by FISH

See Note (Ref Interval: Normal)

Test Performed: Eosinophilia Panel by FISH (FISH EOS P)
Specimen Type: Bone Marrow
Indication for Testing: FISH EOS P

RESULT
Abnormal FISH Result

4q12 FIP1L1-PDGFR A Fusion: DETECTED
5q32 (PDGFRB) Rearrangement: not detected
8p11.2 (FGFR1) Rearrangement: not detected

INTERPRETATION
This analysis showed signal patterns consistent with FIP1L1-PDGFR A fusion due to deletion of the CHIC2 locus at 4q12 in 91/200 (45.5 percent) cells scored.

FISH analysis with the remaining probes showed normal results.

This finding is consistent with a specific group of myeloproliferative and lymphoid neoplasms, usually with eosinophilia, resulting from rearrangement involving PDGFR A, PDGFRB, or FGFR1.

Please correlate this result with clinical and other laboratory findings.

This analysis was performed with the EOS panel probes PDGFR A (Abbott Molecular), PDGFRB, and FGFR1 (CytoCell). A total of 200 cells were scored for each probe.

Cytogenomic Nomenclature (ISCN):
nuc ish(FIP1L1x2, CHIC2x1, PDGFRAX2) (FIP1L1 con PDGFRAX1) [91/200], (PDGFRBx2) [200], (FGFR1, D8Z2)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: Eosinophilia 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 EOS P

See Note

Authorized individuals can access the ARUP Enhanced Report using the following link:

[REDACTED]

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Eosinophilia Panel by FISH	23-179-402903	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER FISH EOS P	23-179-402903	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