



Postgraduate Institute of Medical Education and Research, Chandigarh

Department of Hematology

Molecular Cytogenetics lab

FISH Panel III for Hematology Report

Name	Harsh Kumar	Lab ID No.	A-26-522
Age/Sex	23 Yr/M	Bone Marrow No.	-
CR Number	202601462432	Collection date	05/03/2026
Dept./Unit	Clinical Hematology & Medical Oncology-Hematology Clinic		

Bone Marrow Diagnosis

Hypocellular bone marrow, consistent with aplastic anemia.

Received on: 22.02.2026.

Reported on: 11.03.2026.

Source of Sample	Bone Marrow
Other Source of Sample	-
Type of Sample	Harvest
Other Type of Sample	-
Panel Tested	MDS
Other Panel Tested	-
No of interphase cells studied	200

Probes used

XL 5p15/5q31/5q33/ tri color FISH probe, XL CUX1/EZH2/7cen Deletion tricolor FISH probe, XL CEN8 orange color FISH probe, XL 20q12/20qter plus probe.

Pattern

nuc ish(D5S1976,EGR1,RPS14)x2[200],(CEN7,CUX1,EZH2)x2[200],(D8Z2)x2[200],(PTPRT/20q12,20q13)x2[200].

Impression

Normal FISH results:

No evidence of -5/5q deletion, -7/7q deletion, trisomy 8 and 20q deletion seen.

Comments

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Processed By	Anshu/Shailja/ Vikas/ Dr.Immanuvel/ Dr. Sreejesh S.	Entry Date	11/03/2026
Validated by	Sreejesh S(Additional Professor)	Validation Date	12-03-26 03:32 PM