

Patient ID SA00154530	Patient Name TESTINGRNV, MDSDF-NORMAL	Birth Date 1951-11-01	Sex M	Age 70
Order Number SA00154530	Client Order Number SA00154530	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 20 Sep 2022 08:07		

MDS, Diagnostic FISH

Result Summary

Normal

Interpretation

This result is within normal limits for the MDS FISH panel.

Result Table

Abnormality Name	Result	Abn%	Cutoff%
inv(3) RPN1/MECOM fusion	Normal		<4.0
-17p13.1(TP53x1,D17Z1x2)	Normal		<15.0
-17(TP53,D17Z1)x1	Normal		<10.0
+8(D8Z2,MYC)x3	Normal		<7.0
-20q12(D20S108x1,20qterx2)	Normal		<12.0
-5q31(D5S630x2,EGR1x1)	Normal		<12.0
-5(D5S630,EGR1)x1	Normal		<10.0
-7q31(D7Z1x2,D7S486x1)	Normal		<12.0
-7(D7Z1,D7S486)x1	Normal		<10.0

Result

Interphase FISH is normal for all loci studied.

Reason for Referral

thrombocytopenia

Specimen

Bone Marrow

Source

Left iliac crest

Method

Locus and probes	[Strategy;#Nuclei;Class]
3q21(RPN1), 3q26.2(MECOM)	[DFISH;200;LDT]
5p15.2(D5S630), 5q31(EGR1)	[COPY#;100;AM]
7CEN(D7Z1), 7q31(D7S486)	[COPY#;100;AM]
8CEN(D8Z2), 8q24.1(MYC)	[COPY#;100;AM]
17p13(TP53), 17CEN(D17Z1)	[COPY#;100;AM]
20q12(D20S108), 20qter	[COPY#;100;AM/C]

Probe strategies include:
DFISH=dual color, double fusion;
COPY#=region gain and loss.
Scoring Method: Manual

Probe vendors include:
LDT = Mayo Clinic Developed
AM = Abbott Molecular, Inc (Des Plaines, IL)
C = Cytocell, Inc. (Cambridge, UK)

Disclaimer

Applicable to Analyte Specific Reagent (ASR) and Laboratory Developed Tests (LDT). This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH test does not rule out other chromosome abnormalities.

Released By

Jess F. Peterson, M.D.

Received: 21 Sep 2022 08:33

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Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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