

Patient ID SA00150472	Patient Name TESTINGRNV, PLASF-NORMAL	Birth Date 1950-12-15	Gender M	Age 71
Order Number SA00150472	Client Order Number SA00150472	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 06:36		

Plasma Cell Prolif, FISH, Ts

Result Summary

Normal

Interpretation

The plasma cell FISH panel is within normal limits in this plasmacytoma specimen.

Since sufficient plasma cells were evaluated and no clonal abnormalities were identified by the FISH panel in this sample, this result may represent a plasma cell clone with unusual genetic abnormalities, polyclonal plasma cells, or a different plasmacytoid malignancy. Evaluation for mutations in MYD88 may be considered. For more information, please call 800-533-1710.

The overall risk assessment should be done in the context of other risk factors.

Result Table

Abnormality Name	Result	Abn%	Cutoff%
-17p13.1(TP53x1,D17Z1x2)	Normal		<21.0
-17(TP53,D17Z1)x1	Normal		<24.0
+1q22(TP73x2,1q22x3)	Normal		<5.0
+1(TP73,1q22)x3	Normal		<3.0
14q32(IGH sep)	Normal		<12.0
8q24.1(MYC sep)	Normal		<7.0
-13q14(RB1x1,LAMP1x2)	Normal		<14.0
-13(RB1,LAMP1)x1	Normal		<22.0
+9CEN(D9Z1x3)	Normal		<10.0
+15CEN(D15Z4x3)	Normal		<8.0
+7CEN(D7Z1x3)	Normal		<15.0
+3CEN(D3Z1x3)	Normal		<7.0

Result

Interphase FISH is normal for all loci studied.

Reason for Referral

plasmacytoma

Specimen

Tissue, Paraffin, Formalin

Source

spinal tumor

Tissue ID

BR-12345

Method

Locus and probes	[Strategy;#Nuclei;Class]
1p36.3(TP73), 1q22	[COPY#;100;LDT]
3CEN(D3Z1), 7CEN(D7Z1)	[COPY#;100;ASR]
8q24(5'MYC,3'MYC)	[BAP;100;ASR]
9CEN(D9Z1), 15CEN(D15Z4)	[COPY#;100;ASR]
13q14(RB1), 13q34(LAMP1)	[COPY#;100;ASR]
14q32(3'IGH,5'IGH)	[BAP;100;LDT]
17p13.1(TP53), 17CEN(D17Z1)	[COPY#;100;ASR]

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

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.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292



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Released By

MCR

Patricia T. Greipp, D.O.

Received: 02 Feb 2022 06:40

Reported: 02 Mar 2022 09:59

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