

Patient ID SA00092144	Patient Name TESTINGRNV, SAMPLEREPORT-PLASF	Birth Date 1945-12-25	Gender M	Age 71
Order Number SA00092144	Client Order Number SA00092144	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 12 Jun 2017 08:00		

Plasma Cell Prolif, FISH, Ts

Result Summary

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Abnormal

Interpretation

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The result is abnormal and indicates a plasma cell clone with CCND1/IGH fusion, t(11;14). While this translocation has a favorable prognosis at diagnosis in multiple myeloma, the prognostic significance for this translocation at diagnosis in a plasmacytoma is unknown.

Result Table

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Abnormality Name	Result	%Abn	Cutoff (%)
14q32(IGH sep)	Abnormal	90	<12.0%
t(11;14) CCND1-XT/IGH-XT fusion	Abnormal	90	<3.0%
-17p13.1(TP53x1,D17Z1x2)	Normal		<21.0%
-17(TP53,D17Z1)x1	Normal		<24.0%
-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%
8q24.1(MYC sep)	Normal		<7.0%
+1q22(TP73x2,1q22x3)	Normal		<5.0%
+1(TP73,1q22)x3	Normal		<3.0%

Result

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nuc ish(CCND1-XT,IGH-XT)x3(CCND1-XT con IGH-XTx2)[90/100]

Reason for Referral

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plasmacytoma

Specimen

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Tissue, Paraffin

Source

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Spinal Tumor

Tissue ID

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17-123456

Method

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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]
11q13(CCND1-XT), 14q32(IGH-XT)	[DFISH;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.

Disclaimer

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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

MCR

Rhett P. Ketterling, M.D.

Received: 13 Jun 2017 14:21

Reported: 19 Jul 2017 10:12

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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