

Patient ID SA00142517	Patient Name TESTINGRNV, CLLDF-ABNORMAL	Birth Date 1980-04-19	Gender M	Age 40
Order Number SA00142517	Client Order Number SA00142517	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 17 Feb 2021 14:32		

CLL, Diagnostic FISH

Result Summary

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Abnormal

Interpretation

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The result is abnormal and indicates an 11q deletion in 60% of nuclei and a 13q deletion in 55% of nuclei.

In CLL, this combination of deletions is associated with an unfavorable prognosis (Parikh et al., Blood 127:1752–1760, 2016; Van Dyke et al., Brit J Haematol 173:105–113, 2016).

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
-6q23(D6Z1x2,MYBx1)	Normal		<12.0
-11q22.3(D11Z1x2,ATMx1)	Abnormal	60	<12.0
+12(D12Z3,MDM2)x3	Normal		<7.0
-13q14.3(D13S319x1,LAMP1x2)	Abnormal	55	<12.0
-13q14.3x2(D13S319x0,LAMP1x2)	Normal		<5.0
t(11;14) CCND1-XT/IGH-XT fusion	Normal		<4.0
-17p13.1(TP53x1,D17Z1x2)	Normal		<15.0
-17(TP53,D17Z1)x1	Normal		<10.0

Result

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nuc ish(D11Z1x2,ATMx1)[60/100],(D13S319x1,LAMP1x2)[55/100]

Reason for Referral

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chronic lymphocytic leukemia/CLL

Specimen

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Bone Marrow

Source

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Left posterior iliac crest

Method

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Locus and probes	[Strategy;#Nuclei;Class]
6CEN(D6Z1), 6q23.3(MYB)	[COPY#;100;LDT]
11CEN(D11Z1), 11q22.3(ATM)	[COPY#;100;ASR]
12CEN(D12Z3), 12q15(MDM2)	[COPY#;100;ASR]
13q14.3(D13S319), 13q34(LAMP1)	[COPY#;100;ASR]
11q13(CCND1-XT), 14q32(IGH-XT)	[DFISH;200;ASR]
17p13.1(TP53), 17CEN(D17Z1)	[COPY#;100;ASR]

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

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

Jess F. Peterson, M.D.

Received: 18 Feb 2021 15:35

Reported: 19 Feb 2021 08:19

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