

Patient ID SA00150490	Patient Name TESTINGRNV, SLL-POSITIVE	Birth Date 1951-01-18	Gender M	Age 71
Order Number SA00150490	Client Order Number SA00150490	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 09:51		

SLL, FISH, Tissue

Result Summary

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Positive

Interpretation

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The result is abnormal and indicates a 17p deletion in 78% of nuclei.

In CLL, a 17p deletion 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).

Although CLL and small lymphocytic lymphoma (SLL) are considered to be different manifestations of the same disease process, it is currently unknown if the genetic abnormalities observed in CLL have the same prognostic significance in SLL.

Clinical and pathologic correlation is recommended.

FISH studies interpreted in consultation with

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
-17p13.1(TP53x1,D17Z1x2)	Abnormal	78	<21.0
-6q23(D6Z1x2,MYBx1)	Normal		<21.0
-11q22.3(D11Z1x2,ATMx1)	Normal		<21.0
+12(D12Z3,MDM2)x3	Normal		<15.0
-13q14.3(D13S319x1,LAMP1x2)	Normal		<21.0
-13q14.3x2(D13S319x0,LAMP1x2)	Normal		<10.0
t(11;14) CCND1-XT/IGH-XT fusion	Normal		<3.0
-17(TP53,D17Z1)x1	Normal		<24.0

Result

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nuc ish(TP53x1,D17Z1x2)[78/100]

Reason for Referral

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small lymphocytic lymphoma/SLL

Specimen

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Tissue, Paraffin, Formalin

Source

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Lymph node

Tissue ID

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BR-12345

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;100;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.

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

Report Status: Final



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Released By

MCR

Patricia T. Greipp, D.O.

Received: 09 Feb 2022 06:33

Reported: 02 Mar 2022 10:27

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