

Patient ID SA00142546	Patient Name TESTINGRNV, CLLMF-ABNORMAL	Birth Date 1980-07-15	Gender M	Age 40
Order Number SA00142546	Client Order Number SA00142546	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Feb 2021 11:34		

CLL, Specified FISH

Result Summary

Abnormal

Interpretation

The result is abnormal and indicates CCND1/IGH fusion, t(11;14), in 77.5% of nuclei and an 11q deletion in 40% of nuclei.

This finding is consistent with persistence or recurrence of the abnormal clone.

In a lymphoproliferative setting, the 11;14 translocation usually represents mantle cell lymphoma (Nowakowski et al., Brit J Haematol 130:36-42, 2005; Swerdlow et al. (Eds.): WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues. IARC: Lyon 2008. Clinical and pathologic correlation is recommended.

Result Table

Abnormality Name	Result	Abn%	Cutoff%
-11q22.3(D11Z1x2,ATMx1)	Abnormal	40	<12.0
t(11;14) CCND1-XT/IGH-XT fusion	Abnormal	77.5	<4.0

Result

nuc ish(D11Z1x2,ATMx1)[40/100];(CCND1-XT,IGH-XT)x3(CCND1-XT con IGH-XTx2)[155/200]

Reason for Referral

B-cell chronic lymphocytic leukemia/CLL

Probes Requested

D11Z1/ATM, CCND1-XT/IGH-XT

Specimen

Bone Marrow

Source

Left posterior iliac crest

Method

Locus and probes	[Strategy;#Nuclei;Class]
11CEN(D11Z1), 11q22.3(ATM)	[COPY#;100;ASR]
11q13(CCND1-XT), 14q32(IGH-XT)	[DFISH;200;ASR]

Probe strategies include:
DFISH=dual color, double fusion;
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.

Released By

Jess F. Peterson, M.D.

Received: 19 Feb 2021 12:37

Reported: 19 Feb 2021 13:07

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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