

Patient ID SA00150503	Patient Name TESTINGRNV, TLBLF-NORMAL	Birth Date 2006-03-18	Gender M	Age 15
Order Number SA00150503	Client Order Number SA00150503	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 11:44		

T-Lymphoblastic Leuk/Lymph, FISH,Ts

Result Summary

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Normal

Interpretation

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The result is within normal limits for the T-LBL FISH panel.

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
-9p21(CDKN2A _{x1} ,D9Z1 _{x2})	Normal		<17.0
-9p21 _{x2} (CDKN2A _{x0} ,D9Z1 _{x2})	Normal		<7.0
t(9;22) ABL1/BCR fusion	Normal		<3.0
amp9q34(ABL1 _{x5+} ,BCR _{x2})	Normal		<5.0
11q23(MLL sep)	Normal		<3.0
-17p13.1(TP53 _{x1} ,D17Z1 _{x2})	Normal		<21.0
-17(TP53,D17Z1) _{x1}	Normal		<24.0
t(5;14) TLX3/BCL11B fusion	Normal		<3.0
7q34(TRB sep)	Normal		<16.0
14q11.2(TRADE sep)	Normal		<25.0
t(10;11) MLLT10/PICALM fusion	Normal		<3.0
1p33(TAL1/STIL sep)	Normal		<7.0

Result

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Interphase FISH is normal for all loci studied.

Reason for Referral

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T-cell lymphoma

Specimen

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Tissue, Paraffin, Formalin

Source

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mediastinal mass

Tissue ID

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BR-12345

Method

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Locus and probes	[Strategy;#Nuclei;Class]
1p33(TAL1,STIL)	[BAP;100;LDT]
5q35(TLX3), 14q32(BCL11B)	[DFISH;100;LDT]
7q34(5'TRB,3'TRB)	[BAP;100;LDT]
9p21(CDKN2A), 9CEN(D9Z1)	[COPY#;100;ASR]
9q34(ABL1), 22q11.2(BCR)	[DFISH;100;ASR]
10p12(MLLT10), 11q14(PICALM)	[DFISH;100;LDT]
11q23(5'MLL[KMT2A],3'MLL[KMT2A])	[BAP;100;ASR]
14q11.2(5'TRAD,3'TRAD)	[BAP;100;LDT]
17p13(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

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Applicable to Analyte Specific Reagent (ASR) and Laboratory Developed Tests (LDT). This test was developed using an analyte specific reagent. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test 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

Patricia T. Greipp, D.O.

Received: 02 Feb 2022 11:47

Reported: 02 Mar 2022 10:48

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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