

Patient ID SA00148965	Patient Name TESTINGRN, BLBLF-NORMAL	Birth Date 1965-10-28	Gender M	Age 55
Order Number SA00148965	Client Order Number SA00148965	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 13 Oct 2021 15:58		

B-Lymphoblastic Leuk/Lymph, FISH,Ts

Result Summary

MCR

Normal

Interpretation

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This result is within normal limits for B-cell ALL FISH panel. In addition, no ABL2, PDGFRB or JAK2 rearrangements were observed.

Result Table

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Abnormality Name	Result	Abn%	Cutoff%
t(9;22) ABL1/BCR fusion	Normal		<3.0
1q25(ABL2 sep)	Normal		<9.0
5q33(PDGFRB sep)	Normal		<9.0
9p24.1(JAK2 sep)	Normal		<9.0
9q34(ABL1 sep)	Normal		<9.0
t(1;19) PBX1/TCF3 fusion	Normal		<3.0
der(19)t(1;19) PBX1/TCF3 fusion	Normal		<3.0
+4CEN(D4Z1x3)	Normal		<21.0
+10CEN(D10Z1x3)	Normal		<9.0
+17CEN(D17Z1x3)	Normal		<9.0
t(12;21) ETV6/RUNX1 fusion	Normal		<3.0
+21q22(RUNX1x3)	Normal		<7.0
14q32(IGH sep)	Normal		<12.0
11q23(MLL sep)	Normal		<3.0

Result

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Interphase FISH is normal for all loci studied.

Reason for Referral

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Leukocytosis

Specimen

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Tissue

Source

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Lymph node

Tissue ID

MCR

123456

Method

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Locus and probes	[Strategy;#Nuclei;Class]
1q23(PBX1), 19p13.3(TCF3)	[DFISH;100;LDT]
1q25(3'ABL2,5'ABL2)	[BAP;100;LDT]
4CEN(D4Z1), 10CEN(D10Z1), 17CEN(D17Z1)	[COPY#;100;AM]
5q33(3'PDGFRB,5'PDGFRB)	[BAP;100;LDT]
9p24(5'JAK2,3'JAK2)	[BAP;100;LDT]
9q34(5'ABL1,3'ABL1)	[BAP;100;LDT]
9q34(ABL1), 22q11.2(BCR)	[DFISH;100;AM]
11q23(5'MLL[KMT2A],3'MLL[KMT2A])	[BAP;100;AM]
12p13(ETV6), 21q22(RUNX1)	[DFISH;100;LDT]
14q32(3'IGH,5'IGH)	[BAP;100;LDT]

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

Probe vendors include:
LDT = Mayo Clinic Developed
AM = Abbott Molecular, Inc (Des Plaines, IL)

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



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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: 15 Oct 2021 07:32

Reported: 25 Oct 2021 10:27

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