

Patient ID C7028846-0006398	Patient Name TESTING, PHLFD-NORMAL	Birth Date 1991-05-15	Sex F	Age 33
Order Number X100498311	Client Order Number X100498311	Ordering Physician unknown	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 07 May 2025 08:15		

BCR/ABL1-like B-ALL pnl, Diag, FISH

Result Summary

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Normal

Interpretation

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No rearrangement of gene regions included in the Ph-like ALL FISH panel, and no deletion of IKZF1, was observed.

This report should be correlated with additional clinical, pathologic, and genetic information for full interpretation.

Result Table

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Abnormality Name	Result	Abn% Cutoff%
1q25(ABL2 sep)	Normal	<10.0
5q32(PDGFRB sep)	Normal	<15.0
9p24.1(JAK2 sep)	Normal	<10.0
9q34(ABL1 sep)	Normal	<15.0
Xp22.33/Yp11.32(3'CRLF2retention,5'loss)	Normal	<10.0
-7p12.2(IKZF1x1,Cep7x2)	Normal	<15.0

Result

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Interphase FISH is normal for all loci studied.

Reason for Referral

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r/o Ph-like B-cell ALL

Specimen

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Bone Marrow

Source

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Left iliac crest

Method

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Locus and probes	[Strategy;#Nuclei;Vendor]
Xp22.33/Yp11.32(3'CRLF2,5'CRLF2)	[BAP;100;C]
1q25(3'ABL2,5'ABL2)	[BAP;100;LDT]
5q32(3'PDGFRB,5'PDGFRB)	[BAP;100;LDT]
7p12.2(IKZF1), 7CEN(CEP7)	[COPY#;100;AT]
9p24(5'JAK2,3'JAK2)	[BAP;100;LDT]
9q34(5'ABL1,3'ABL1)	[BAP;100;LDT]

Probe strategies include:

BAP=break-apart probe;

COPY#=region gain and loss.

Scoring Method: Manual

Probe vendors include:

LDT = Mayo Clinic Developed

AT = Agilent Technologies (Santa Clara, CA)

C = Cytocell, Inc. (Cambridge, UK)

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

Xinjie Xu, Ph.D.

Received: 13 May 2025 10:52

Reported: 21 May 2025 14:19

Performing Site Legend

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