

T-Cell Acute Lymphoblastic Leukemia/Lymphoma
(ALL), FISH, Adult, Varies

Patient ID SA00148950	Patient Name TESTINGRNV, TALAF-NORMAL	Birth Date 1961-10-29	Gender M	Age 59
Order Number SA00148950	Client Order Number SA00148950	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 13 Oct 2021 15:40		

Adult ALL (T-cell), FISH

Result Summary

Normal

Interpretation

This result is within normal limits for the T-cell ALL FISH panel.

Result Table

Abnormality Name	Result	Abn%	Cutoff%
11q23(MLL sep)	Normal		<10.0
t(9;22) ABL1/BCR fusion	Normal		<4.0
9p24.1(JAK2 sep)	Normal		<10.0
5q33(PDGFRB sep)	Normal		<15.0
t(5;14) TLX3/BCL11B fusion	Normal		<4.0
7q34(TRB sep)	Normal		<15.0
14q11.2(TRADE sep)	Normal		<15.0
t(10;11) MLLT10/PICALM fusion	Normal		<4.0
9q34(ABL1 sep)	Normal		<15.0
1p33(TAL1/STIL sep)	Normal		<10.0

Result

Interphase FISH is normal for all loci studied.

Reason for Referral

T-acute lymphoblastic leukemia

Specimen

Bone Marrow

Source

Left iliac crest

Method

Locus and probes	[Strategy;#Nuclei;Class]
1p33(TAL1,STIL)	[BAP;100;LDT]
5q33(3'PDGFRB,5'PDGFRB)	[BAP;100;LDT]
5q35(TLX3), 14q32(BCL11B)	[DFISH;200;LDT]
7q34(5'TRB,3'TRB)	[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;200;AM]
10p12(MLLT10), 11q14(PICALM)	[DFISH;200;LDT]
11q23(5'MLL[KMT2A],3'MLL[KMT2A])	[BAP;100;AM]
14q11.2(5'TRAD,3'TRAD)	[BAP;100;LDT]

Probe strategies include:

DFISH=dual color, double fusion;

BAP=break-apart probe.
Scoring Method: Manual

Probe vendors include:

LDT = Mayo Clinic Developed

AM = Abbott Molecular, Inc (Des Plaines, IL)

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

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Performing Site Legend

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