

B-Cell Acute Lymphoblastic Leukemia/Lymphoma
(ALL), Specified FISH, Varies

Patient ID SA00148988	Patient Name TESTINGRNV, BALMF-ABNORMAL	Birth Date 1955-11-01	Gender M	Age 65
Order Number SA00148988	Client Order Number SA00148988	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 14 Oct 2021 06:20		

ALL (B-cell), Specified FISH

Result Summary

Abnormal

Interpretation

The result is abnormal and indicates 87.5% of nuclei had BCR/ABL1 fusion.

This result indicates persistence or recurrence of this patient's leukemic clone.

For monitoring response to therapy, RT-PCR for BCR/ABL1 is recommended, per NCCN guidelines. Although RT-PCR testing is not available on the current specimen, this testing can be performed on blood or bone marrow collected in EDTA or ACD. Please call 800-533-1710 regarding specimen requirements for RT-PCR based tests.

Result Table

Abnormality Name	Result	Abn%	Cutoff%
t(9;22) ABL1/BCR fusion	Abnormal	87.5	<4.0

Result

nuc ish(ABL1,BCR)x3(ABL1 con BCRx2)[175/200]

Reason for Referral

hx of B-cell ALL, r/o BCR/ABL1 fusion

Probes Requested

ABL1/BCR

Specimen

Bone Marrow

Source

Left posterior iliac crest

Method

Locus and probes	[Strategy;#Nuclei;Class]
9q34(ABL1), 22q11.2(BCR)	[DFISH;200;AM]

Probe strategies include:
DFISH=dual color, double fusion.
Scoring Method: Manual

Probe vendors include:
AM = Abbott Molecular, Inc (Des Plaines, IL)

Additional Information

Previous Studies

DATE	SPECIMEN	RESULT
03/21/2021	Marrow	BCR/ABL1 fusion (78% of nuclei)

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: 15 Oct 2021 07:24

Reported: 25 Oct 2021 10:25

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