

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/13/1944
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Lymphoma (Aggressive) Panel by FISH

ARUP test code 2002650

Lymphoma (Aggressive) Panel by FISH

See Note (Ref Interval: Normal)
Specimen Received
Specimen Type: Bone Marrow
Reason for Referral: Suspicion of Lymphoma, Possible High Grade
Lymphoma Per Imaging
Test Performed: FISH ALYMP

ABNORMAL FISH RESULTS
8q24 (MYC): rearrangement present
t(14;18)(q32;q21) (IGH;BCL2): translocation present

NORMAL FISH RESULT
3q27 (BCL6): rearrangement not detected

DIAGNOSTIC IMPRESSION:
Fluorescence in situ hybridization (FISH) analysis was performed with the BCL6, MYC, IGH, and BCL2 probes (Abbott Molecular). 200 interphase cells were scored for each probe combination.

This analysis showed evidence of:
-MYC rearrangement accompanied by a partial gain of the 5' MYC region in 19/200 (9.5 percent) cells scored.
- IGH/BCL2 translocation in 40/200 (20.0 percent) cells scored.

FISH analysis with the remaining probe showed normal results.

Please correlate these results with clinical and other laboratory findings.

ISCN:
nuc ish(BCL6x2)[200],
(5'MYCx3,3'MYCx2)(5'MYC con 3'MYCx1)[19/200],
(IGHx3,BCL2x3)(IGH con BCL2x2)[40/200]

This result has been reviewed and approved by [REDACTED], Ph.D., FACMG

INTERPRETIVE INFORMATION: Lymphoma (Aggressive) Panel by FISH

This panel is for the identification of double hit lymphoma and triple hit lymphoma, both of which show morphologic features intermediate between diffuse large B-cell lymphoma and Burkitt Lymphoma. Both are aggressive lymphomas and are characterized by a poor survival rate.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

EER Lymphoma (Aggressive) Panel by FISH

See Note

Access ARUP Enhanced Report using the link below:

-Direct access:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Lymphoma (Aggressive) Panel by FISH	19-130-113358	5/10/2019 4:02:00 PM	5/11/2019 10:32:16 AM	5/17/2019 11:28:00 PM
EER Lymphoma (Aggressive) Panel by FISH	19-130-113358	5/10/2019 4:02:00 PM	5/11/2019 10:32:16 AM	5/17/2019 11:28:00 PM

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-130-113358
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 1/19/2021 1:39:37 PM
4848