

Patient: [REDACTED]
DOB: [REDACTED] Age: [REDACTED] Gender: [REDACTED]
Patient Identifiers: [REDACTED]
[REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

ARUP Test Code: 2002650
Collection Date: 11/07/2016
Received in Lab: 11/08/2016
Completion Date: 11/14/2016

Interpretation

Specimen Received
Specimen Type: Bone Marrow
Reason for Referral: Other Non-Hodgkin Lymphoma
Test Performed: FISH, ALYMPH

ABNORMAL FISH RESULTS:
t(14;18)(q32;q21) (IGH;BCL2): translocation present *low level
(see below)

NORMAL FISH RESULTS
3q27 (BCL6): rearrangement not detected
8q24 (MYC): 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 IGH/BCL2 translocation in 3/400 (0.75 percent) cells scored. Additional cells were scored for this probe to clarify presence of translocation. The decision to call this FISH result abnormal is based on our laboratory validation data for this probe that indicates >0.7% abnormal cells is considered a positive result. However, as the percentage of abnormal cells in this case is close to our cut-off value, correlation of this finding with other laboratory and clinical data is strongly recommended.

FISH analysis with the remaining probes showed normal results.

BCL2 rearrangement is seen in a variety of B cell lymphomas including follicular lymphoma, diffuse large B cell lymphoma, and intermediate lymphoma.

ISCN:
nuc ish(BCL6x2)[200],(MYCx2)[200],
(IGHx3,BCL2x3)(IGH con BCL2x2)[3/400]

This result has been reviewed and approved by [REDACTED], MD, FACMG
Electronic Signature

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



Patient: [REDACTED]
ARUP Accession: 16-312-400452