

Patient: [REDACTED]  
DOB: [REDACTED] Age: 74 Gender: F  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002650  
Collection Date: 05/10/2019  
Received in lab: 05/11/2019  
Completion Date: 05/17/2019

## Interpretation

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 Erica F. Andersen, Ph.D., FACMG

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: [aruplab.com/CS](http://aruplab.com/CS)



Patient: [REDACTED]  
ARUP Accession: 19-130-113358