

Patient: [REDACTED]
DOB: [REDACTED] Age: 75 Gender: M
Patient Identifiers: [REDACTED]
[REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

ARUP Test Code: 2002295
Collection Date: 12/09/2018
Received in lab: 12/11/2018
Completion Date: 12/17/2018

Interpretation

Specimen Received
Specimen Type: Peripheral Blood
Reason for Referral: CLL FISH
Test Performed: FISH CLLP

ABNORMAL FISH RESULT
11q22 (ATM): deletion present

NORMAL FISH RESULTS
12cen (D12Z3): trisomy not detected
13q14 (D13S319): deletion not detected
17p13 (TP53): deletion not detected

DIAGNOSTIC IMPRESSION:
Fluorescence in situ hybridization (FISH) analysis was performed with the ATM, D12Z3, D13S319 (with LAMP1 at 13q34 as a control), and TP53 probes (Abbott Molecular). 200 interphase cells were scored for each probe or probe combination.

This analysis showed 11q22 deletion involving the ATM locus in 182/200 (91.0 percent) cells scored.

FISH analysis with the remaining probes showed normal results.

Deletion 11q22 (ATM) is an unfavorable prognostic indicator in CLL.

Please correlate these results with clinical and other laboratory findings in this patient.

Reference:
Dohner et al. Genomic aberrations and survival in chronic lymphocytic leukemia. N Engl J Med 2000; 343(26):1910-6.

ISCN:
nuc ish(ATMx1,TP53x2)[182/200],
(D12Z3,D13S319,LAMP1)x2[200]

This result has been reviewed and approved by Roger Schultz, Ph.D., FACMG

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



Patient: [REDACTED]
ARUP Accession: 18-344-401970
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