

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/12/1943
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Chromosome FISH, CLL Panel

ARUP test code 2002295

Chromosome FISH, CLL Panel

See Note (Ref Interval: Normal)

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

INTERPRETIVE INFORMATION: Chromosome Analysis, Chronic Lymphocytic Leukemia (CLL) Panel by FISH

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

EER Chromosome FISH, CLL Panel

See Note

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

Access ARUP Enhanced Report using either link below:



VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Chromosome FISH, CLL Panel	18-344-401970	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Chromosome FISH, CLL Panel	18-344-401970	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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