

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

Physician: Doctor, Example

Patient: Patient, Example

DOB 8/13/1983
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Chromosome Analysis, Lymph Node

ARUP test code 2002300

Chromosome Analysis, Oncology

See Note

(Ref Interval: Normal)

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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-210-101773
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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4848

Test Performed: Chromosome Analysis
Specimen Type: Lymph Node
Indication for Testing: Large B-Cell Lymphoma.

Number of cells counted: 24
Number of cells analyzed: 24
Number of cells karyotyped: 20
ISCN band level: 400
Banding method: G-Banding

RESULT

46,XX,t(9;14)(p21;q11.2)[7]
/45,s1,-X,der(2)t(X;2)(q?24;p?24)[6]
/48,s1,+11,+21[3]
/46,XX[8]

Diagnostic Impression:

Three related abnormal cell lines were detected in cultures from this patient. One cell line (stemline) showed a translocation between chromosomes 9 and 14 in 7/24 (29%) cells.

The second abnormal cell line (sideline 1) showed the stemline t(9;14) and an unbalanced rearrangement between chromosomes X and 2 in 6/24 (25%) cells.

The third abnormal cell line (sideline 2) showed the stemline t(9;14) and gain of chromosomes 11 and 21 in 3/24 (13%) cells.

The remaining 8/24 (33%) cells showed a normal female chromosome complement.

Although these abnormalities are not specific to a unique hematological malignancy, they represent clonal changes consistent with a neoplastic process. Complex karyotypes with evidence of cytogenetic clonal evolution are generally associated with more aggressive disease. Please correlate this result with clinical and other laboratory findings.

This result has been reviewed and approved by [REDACTED]

A portion of this analysis was performed at the following location(s):

[REDACTED]

INTERPRETIVE INFORMATION: Chromosome Analysis, Oncology

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

EER Chromosome Analysis, Oncology

See Note

Authorized individuals can access the ARUP Enhanced Report using the following link:

[REDACTED]

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Chromosome Analysis, Oncology	22-210-101773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Chromosome Analysis, Oncology	22-210-101773	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

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