

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

Physician: Doctor, Example

Patient: Patient, Example

DOB 8/22/1938
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Chromosome Analysis, Leukemic Blood

ARUP test code 2002290

Chromosome Analysis, Leukemic Blood See Note (Ref Interval: Normal)

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

Unless otherwise indicated, testing performed at:

Specimen received

Specimen type: Peripheral Blood
Reason for referral: Chronic lymphocytic leukemia of B-cell
type not having achieved remission
Test performed: Chromosome Analysis

Laboratory analysis

Number of cells counted: 20
Number of cells analyzed: 20
Number of cells karyotyped: 20
ISCN Band level: 400
Banding Method: G-Banding

Chromosome Results: 46,XY,del(13)(q14q22)[15]
/47,XY,+12[2]/46,XY[3]

Diagnostic Impression:

Three cell lines were detected in cultures from this patient. One abnormal cell line showed a deletion in the long arm of chromosome 13 in 15/20 (75%) cells.

A second abnormal cell line showed gain of chromosome 12 in 2/20 (10%) cells.

The remaining 3/20 (15%) cells showed a normal male chromosome complement.

Deletion 13q and trisomy 12 are recurrent abnormalities observed in CLL and other B-cell lymphoproliferative disorders. The presence of two cytogenetically unrelated clones suggests a biclonal neoplasm or two independent neoplasms. Please correlate these results with clinical and other laboratory findings.

NOTE: FISH CLL P was performed on this sample and reported under ARUP accession #(19098139468). FISH results were ABNORMAL and consistent with this karyotype.

This result has been reviewed and approved by [REDACTED], Ph.D., FACMG

A portion of this analysis was performed at the following [REDACTED]

INTERPRETIVE INFORMATION: Chromosome Analysis,
Leukemic Blood
Test developed and characteristics determined by ARUP
Laboratories. See Compliance Statement B: aruplab.com/CS

EER Chromosome Analysis, Leukemic Blood

See Note

Access ARUP Enhanced Report using the link below:

-Direct access:

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Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-099-400518
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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4848

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Chromosome Analysis, Leukemic Blood	19-099-400518	4/8/2019 3:40:00 PM	4/10/2019 6:00:57 AM	4/17/2019 4:02:00 PM
EER Chromosome Analysis, Leukemic Blood	19-099-400518	4/8/2019 3:40:00 PM	4/10/2019 6:00:57 AM	4/17/2019 4:02:00 PM

END OF CHART

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

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