

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/17/2006
Sex: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Chromosome Analysis, Solid Tumor

ARUP test code 2002296

Chromosome Analysis, Solid Tumor

See Note

(Ref Interval: Normal)

Test Performed: Chromosome Analysis
Specimen Type: Solid Tumor (endotracheal mass)
Indication for Testing: Differential dx including lymphoma or less likely teratoma

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

RESULT
46,XX,-8,del(13)(q14q22),del(15)(q11.2q22),der(16)t(1;16)(q21;q12.1),+21[3]/46,XX[17]

Diagnostic Impression:

Two cell lines were detected in multiple cultures of tumor (endotracheal mass) from this patient. One cell line showed the following clonal abnormalities in 3/20 (15%) cells:
- loss of chromosome 8;
- deletions within the long arms of chromosomes 13 and 15;
- an unbalanced rearrangement between chromosomes 1 and 16, resulting in gain of 1q material and loss of 16q material;
- gain of chromosome 21.

The remaining 17/20 (20%) cells showed a normal female chromosome complement.

These findings are consistent with a neoplastic process. Gains of 1q and deletion 13q are a recurrent finding in both myeloid and lymphoid neoplasms. Please correlate 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, Solid Tumor

This test was developed and its performance characteristics

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: 22-127-400248
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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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, Solid Tumor

See Note

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

https: [REDACTED]

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Chromosome Analysis, Solid Tumor	22-127-400248	5/5/2022 12:51:00 PM	5/7/2022 10:03:33 AM	5/18/2022 10:20:00 AM
EER Chromosome Analysis, Solid Tumor	22-127-400248	5/5/2022 12:51:00 PM	5/7/2022 10:03:33 AM	5/18/2022 10:20:00 AM

END OF CHART

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

Unless otherwise indicated, testing performed at:

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