

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 1/9/2005  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Chromosome Analysis, Rule Out Mosaicism**

ARUP test code 2002287

Chromosome Analysis, Rule Out Mosaicism

See Note

(Ref Interval: Normal)

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Test Performed: Chromosome Analysis  
Specimen Type: Peripheral Blood (Mosaic Study)  
Indication for Testing: Turner syndrome, hypothyroidism

Number of cells counted: 50  
Number of cells analyzed: 6  
Number of cells karyotyped: 6  
ISCN band level: 550  
Banding method: G-Banding

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**RESULT**  
Normal karyotype (Female)

46,XX

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**INTERPRETATION**  
This analysis showed a normal result.

A total of 50 metaphase cells were evaluated. This should exclude mosaicism of greater than 9 percent with 99 percent confidence in this tissue (Hook et al., Am J Hum Genet 29:94-97, 1977). If mosaicism is still of concern, consider testing an alternative tissue sample, as levels of mosaicism may vary across different tissues.

The standard cytogenetic methodology used in this analysis may not detect small rearrangements or low-level mosaicism and cannot detect submicroscopic deletions or duplications that are detectable by genomic microarray analysis.

Health care providers with questions may contact an ARUP genetic counselor at (800) 242-2787 ext. 2141.

This result has been reviewed and approved by [REDACTED]

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

[REDACTED]

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

**INTERPRETIVE INFORMATION: Chromosome Analysis,  
Rule Out Mosaicism**

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.

Counseling and informed consent are recommended for genetic testing. Consent forms are available online.

**EER Chromosome Analysis, R/O Mosaicism**

See Note

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

[REDACTED]

**VERIFIED/REPORTED DATES**

Procedure	Accession	Collected	Received	Verified/Reported
Chromosome Analysis, Rule Out Mosaicism	22-195-114653	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Chromosome Analysis, R/O Mosaicism	22-195-114653	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**