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

Physician: Doctor, Example

Patient: Patient, Example

DOB	3/16/1997
Sex:	Female
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	01/01/2017 12:34

Chromosome Analysis, Products of Conception

ARUP test code 2002288

Chromosome Analysis, Prod Concp

See Note (Ref Interval: Normal)

Test Performed: Chromosome Analysis
Specimen Type: Placental Tissue (Villi)
Indication for Testing: POC

Number of cells counted: 20
Number of cells analyzed: 5
Number of cells karyotyped: 5
ISCN band level: 400
Banding method: G-Banding

RESULT
Abnormal Karyotype (Female)

Monosomy X (Turner syndrome)

45,X

INTERPRETATION
This analysis showed a single X chromosome (monosomy) without a second sex chromosome in each metaphase.

This result is consistent with a diagnosis of Turner syndrome (TS, monosomy X, or 45,X). Features associated with TS in the prenatal period may include cystic hygroma, cardiac defects, structural kidney anomalies, and fetal fluid accumulation such as pleural effusions, ascites, and hydrops.

Monosomy X is a common sporadic cytogenetic abnormality in pregnancy loss. The vast majority (99 percent) of conceptions with monosomy X result in spontaneous pregnancy loss.

No other abnormalities were detected. 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.

Recommendation:
Genetic counseling

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

References:
1) Gardner and Amor. Gardner and Sutherland's Chromosome Abnormalities and Genetic Counseling. 5th edition. New York, NY: Oxford; 2018.

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

2) Milunsky. Genetic Disorders and the Fetus. 7th edition. West Sussex, UK: John Wiley and Sons; 2016.

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, Products of Conception

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, Prod Concp

See Note

Access ARUP Enhanced Report using the link below:

-Direct access:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Chromosome Analysis, Prod Concp	22-069-147315	3/10/2022 2:30:00 PM	3/12/2022 1:13:54 PM	3/25/2022 4:11:00 PM
EER Chromosome Analysis, Prod Concp	22-069-147315	3/10/2022 2:30:00 PM	3/12/2022 1:13:54 PM	3/25/2022 4:11:00 PM

END OF CHART

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