

Patient: [REDACTED]
DOB: [REDACTED] Age: 33 Sex: F
Patient Identifiers: [REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

ARUP Test Code: 2005762
Collection Date: 03/01/2024
Received in lab: 03/02/2024
Completion Date: 03/14/2024

Interpretation

Test Performed: Chromosome Analysis
Specimen Type: Placental Tissue (Villi)
Indication for Testing: Products of conception

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)

Trisomy 15

47,XX,+15

INTERPRETATION

This analysis showed an additional copy (trisomy) of chromosome 15 in each metaphase.

Autosomal trisomy is the most frequent type of cytogenetic abnormality observed in pregnancy loss and is usually sporadic.

NOTE: Since this analysis revealed an abnormal result, genomic microarray analysis, which was ordered as a reflex study, will not be performed unless we are notified otherwise. To proceed with this testing, please contact ARUP Genetics Processing at (800) 242-2787 ext. 3301.

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.



Patient: [REDACTED]
ARUP Accession: 24-061-106443

Chromosome Analysis, Products of Conception, with Reflex to Genomic Microarray

Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: F | Physician: [REDACTED]
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

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):

ARUP [REDACTED]

NOTE: Only the **Chromosome Analysis, Products of Conception** results are reported on this enhanced report. When the result of Chromosome Analysis is either "no growth" or "normal," **Genomic SNP Microarray, Products of Conception** is performed. If the genomic microarray is performed, those results can be accessed via a patient report or electronic medical records system after the genomic microarray has been completed.

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



Patient: [REDACTED]
ARUP Accession: 24-061-106443

Chromosome Analysis, Products of Conception, with Reflex to Genomic Microarray

Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: F | Physician: [REDACTED]
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

Slide ID: 0019

