



ISO 9001 : 2008 CERTIFIED LAB

# KOS Diagnostic Lab

(A Unit of KOS Healthcare)



**Dr. Vinay Chopra**  
MD (Pathology & Microbiology)  
Chairman & Consultant Pathologist

**Dr. Yugam Chopra**  
MD (Pathology)  
CEO & Consultant Pathologist

Patient NAME : **Mrs ARCHANA**  
DOB/Age/Gender : 21 Y/Female  
Patient ID / UHID : 10982524/OF10982524  
Referred BY : Self  
Sample Collected : Jan 06, 2025, 02:02 PM.

Report STATUS : Final Report  
Barcode NO : CG010959  
Sample Type : WHOLE BLOOD SOD HEPARIN  
Report Date : Jan 13, 2025, 05:43 PM.



### Karyotyping (KT)- Postnatal

**CLINICAL INDICATION** To rule out chromosome abnormality

**SUMMARY OF RESULTS** **NORMAL FEMALE KARYOTYPE**

**NOMENCLATURE** **46,XX**  
*(As per International System for Human Cytogenomic Nomenclature, ISCN,2020)*

#### **CLINICAL INTERPRETATION**

Within the limits of standard cytogenetic methodologies, the chromosomes of the patient showed normal female karyotype G-banding patterns with no evidence of aneuploidy or without apparent structural abnormality or rearrangement. The following possibilities, although rare, cannot be ruled out: a) low level mosaicism, b) very subtle rearrangements, c) genetic disorders that cannot be detected beyond the resolution of by standard cytogenetic methods. d) There is a possibility of technical error (2%) in absence of clinical history and sub-optimal quality of sample.

**RECOMMENDATION** Genetic Counseling for the family is recommended.

**SAMPLE DESCRIPTION** The sample was of optimal quality for conventional cytogenetics culture techniques. The 72 hours of stimulated peripheral blood sample was initiated in karyotyping medium yielded analyzable metaphases for karyotype.

\*\*\* End Of Report \*\*\*



**Dr. Ankur Jindal (Ph.D)**  
Consultant Cytogenomics

#### **NOTE:**

***This Sample was outsourced***



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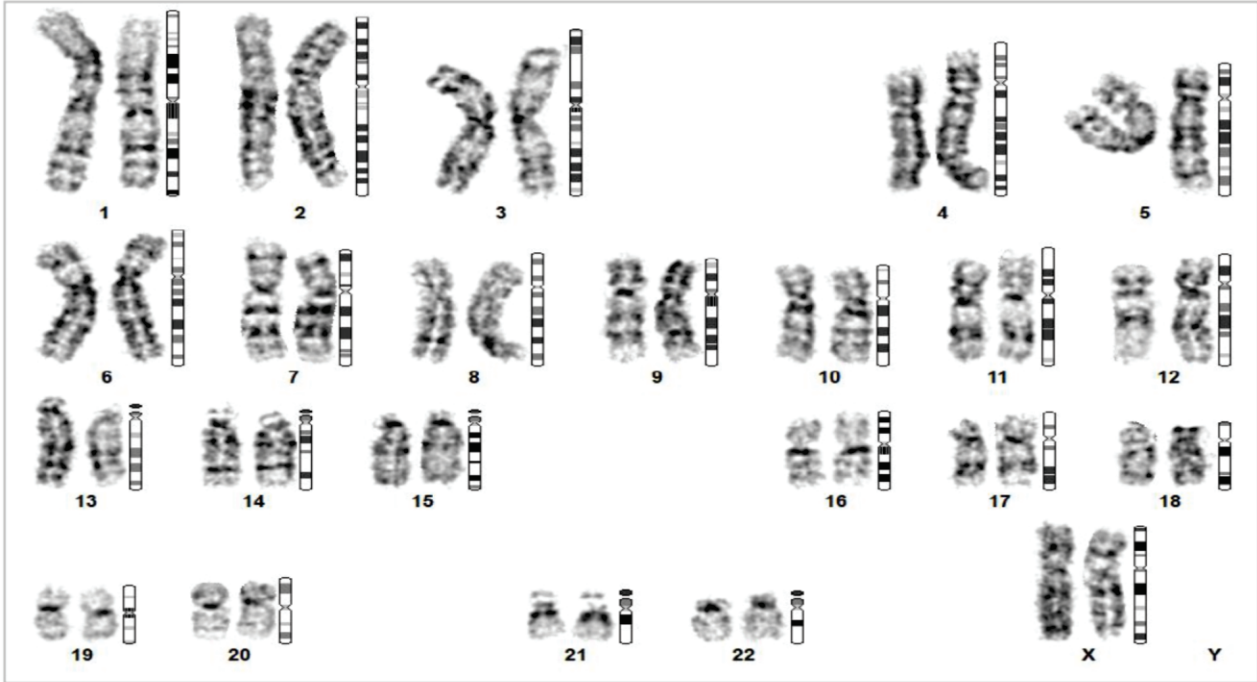


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**KARYOTYPE IMAGE:**



ARCHANA

Karyotype: 46,XX

Barcode No: CG010959

<b>METHOD:</b>	G-BANDING
<b>Metaphase Counted:</b>	20
<b>Metaphase Analyzed:</b>	10
<b>Metaphase Karyotyped:</b>	10
<b>Banding Resolution:</b>	700
<b>Metaphase Quality:</b>	Good



**Ms. Ritu ( Scientist)**  
Cytogenetics

Reviewed and Signed out on: 10-Jan-2025