



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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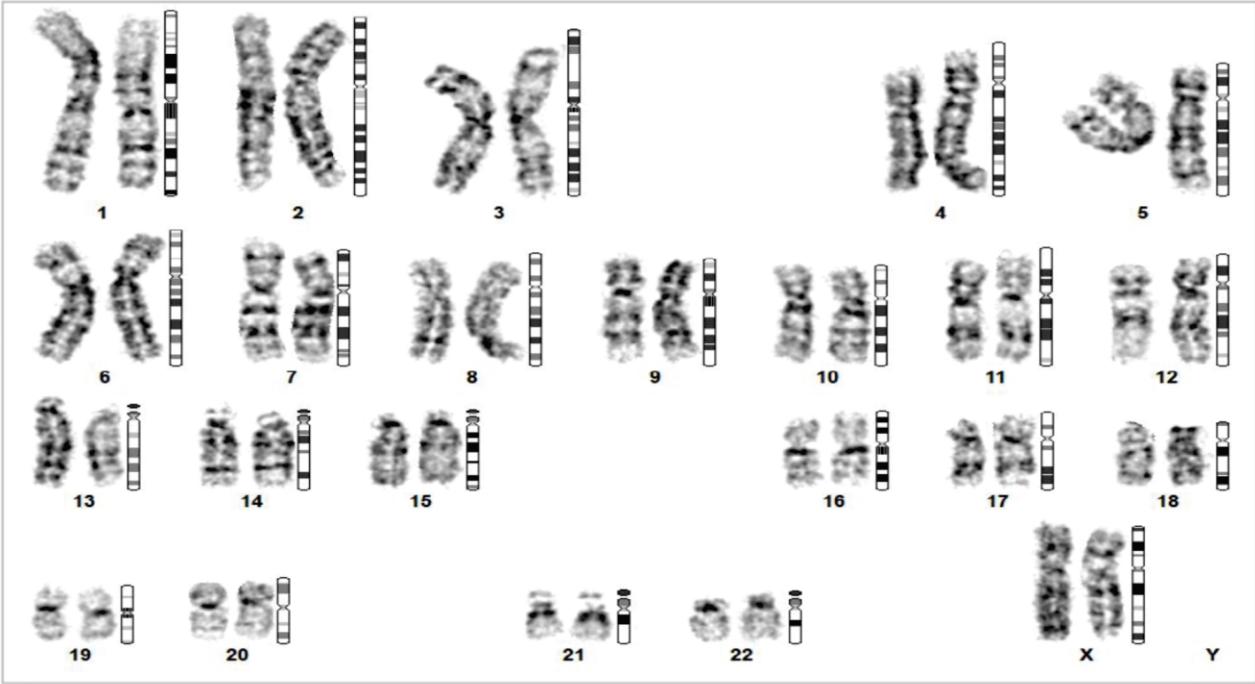
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KARYOTYPE IMAGE:



ARCHANA

Karyotype: 46,XX

Barcode No: CG010959

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



Ms. Ritu (Scientist)
Cytogenetics

Reviewed and Signed out on: 10-Jan-2025