



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 SHEETAL
DOB/Age/Gender : 26 Y/Female
Patient ID / UHID : 11706645/OF11706645
Referred BY : Dr. KOS DIAGNOSTIC LAB
Sample Collected : Mar 13, 2025, 04:09 PM.

Report STATUS : Final Report
Barcode NO : CG011641
Sample Type : WHOLE BLOOD SOD HEPARIN
Report Date : Mar 21, 2025, 12:43 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

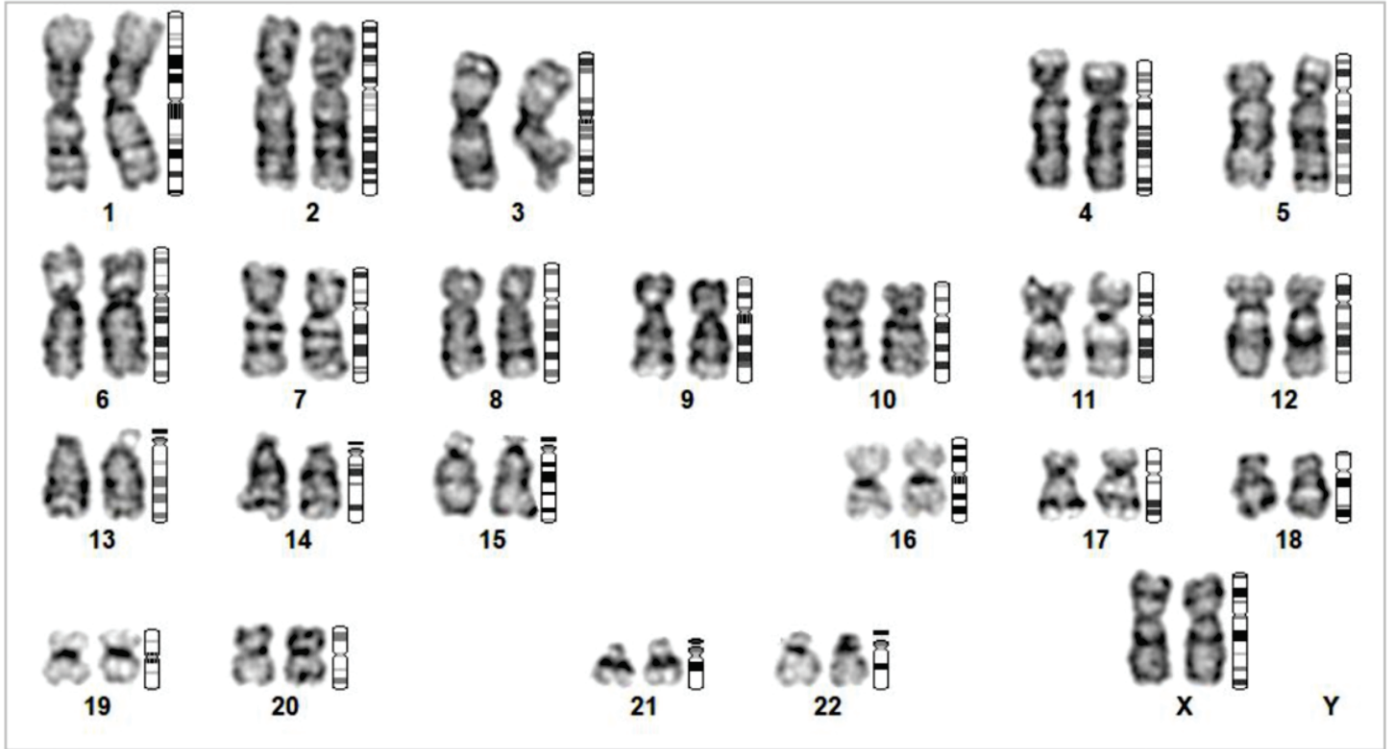
NOTE:

This Sample was outsourced

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

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

KARYOTYPE IMAGE:



SHEETAL

Karyotype: 46,XX

Barcode No: CG011641

METHOD:	G-BANDING
Metaphase Counted:	20
Metaphase Analyzed:	10
Metaphase Karyotyped:	10
Banding Resolution:	425
Metaphase Quality:	Good




Ms. Ritu (Scientist)
 Cytogenetics

Reviewed and Signed out on: 19-Mar-2025