



Mrs. HARPREET KAUR
AMBALA, AMBALA
Tel No : 8607344999
PIN No: 133001
PID NO: P542100581239
Age: 33.0 Year(s) Sex: Female

Reference: Dr.VINAY CHOPRA

Sample Collected At:
Dr vinay kumar chopra
Kos diagnostic lab, 6349/i, nicholson
road, ambala cantt, hry 133001.
**PROCESSING LOCATION:- Metropolis
Healthcare Ltd, Unit No. 409- 416, 4th
Floor, Commercial Building-1,
Kohinoor Mall, Mumbai-70**

VID: 54213320015824

Registered On:
24/06/2021 10:02 PM
Collected On:
26/06/2021 6:04AM
Reported On:
09/07/2021 04:16 PM

Karyotyping by G-Banding Peripheral Blood

INTERNAL LAB NO.	4347-21-K
CULTURE METHOD	72-hour stimulated cultures were put up with appropriate mitotic agents.
BANDING METHOD(S)	GTG-Banding with Trypsin & Giemsa with 450-550 bands pattern (ISCN-2016).
CLINICAL INDICATION(S)	H/O Multiple Miscarriages.
NO.OF CELLS COUNTED	20
NO.OF CELLS ANALYZED	20
NO.OF CELLS KARYOTYPED	10
KARYOTYPE RESULT	<u>46.XX,t(1:4)(p22;p14)</u>
INTERPRETATION	Karyotype analysis revealed translocation between chromosomes 1 and 4. Breakage and reunion have occurred at bands 1p22 and 4p14, The segments distal to these bands have been exchanged.
COMMENTS	Report consistent with Reciprocal Translocation between chromosomes 1 and 4.
RECOMMENDATION(S)	Kindly correlate clinically. In view of present findings; Genetic Counseling (Test code G0078) is strongly recommended. The couple can see us for the same with prior appointment. For any queries please feel free to contact at Department of Medical Genetics on 022-43560767.

Karyotype analysis detects all numerical and gross structural anomalies within the limits of the assay procedure. Microdeletions, microduplications, single gene disorders and low grade mosaicism however would not be ruled out. FISH/CMA/Molecular studies are recommended for the same. Clinical correlation is advised.

Note: Importance of Clinical Indications

1. Clinical details/history findings including age and sex of patient are important for accurate selection of culture method
2. Clinical details to be provided in the form of ultrasound information / phenotypic features / family history, etc.
3. For investigation of mosaicism which requires screening of large number of metaphase cells.
4. To target analysis for a particular chromosome in the form of high resolution banding.
5. For recommendation of further investigation - eg: FISH, Molecular Genetics Studies. Genetics abnormalities like single gene / polygenic disorders, microdeletions, subtle rearrangements, low grade mosaicism may not be detected by G-Band Karyotyping and may require more sensitive testing like FISH and Chromosomal Microarray.

Kundanbala Desai
Consultant Analyst - Medical Genetics
Metropolis - Mumbai



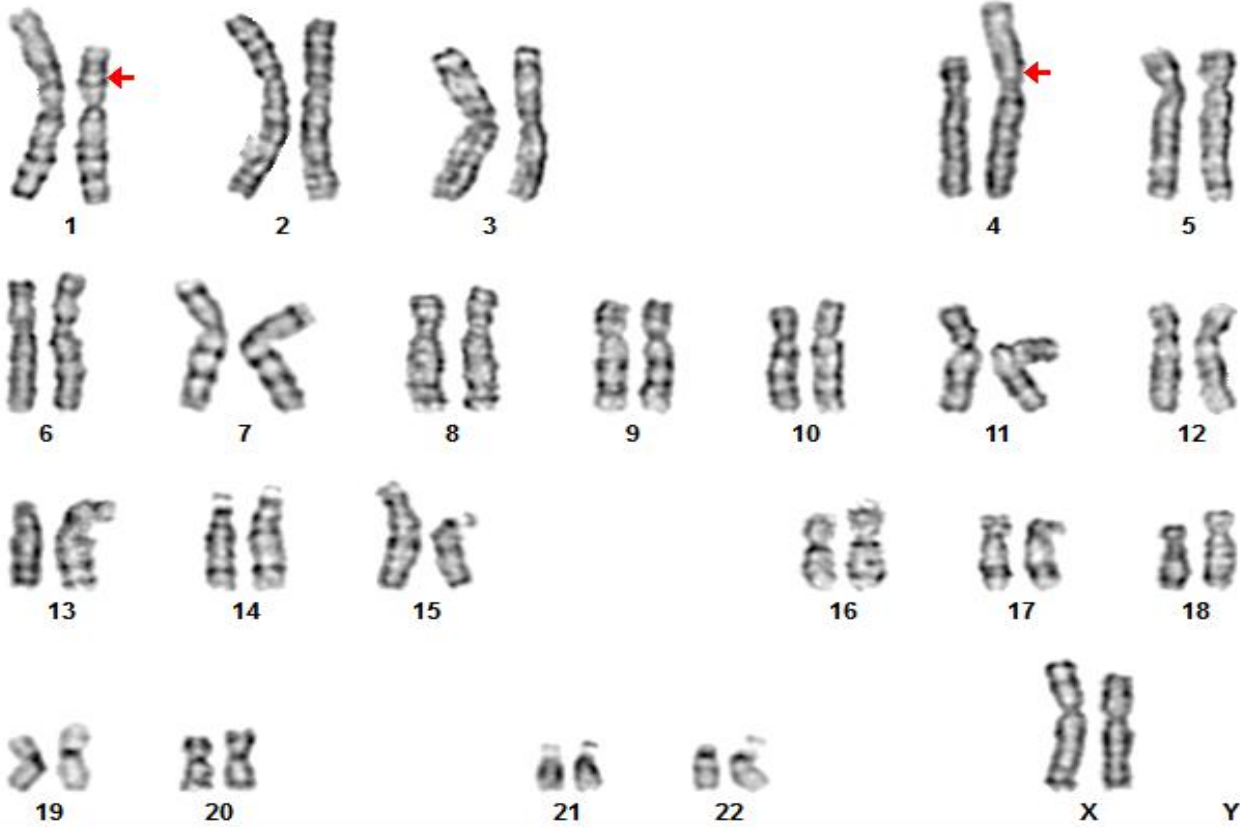
Mrs. HARPREET KAUR
 AMBALA, AMBALA
 Tel No : 8607344999
 PIN No: 133001
 PID NO: P542100581239
 Age: 33.0 Year(s) Sex: Female

Reference: Dr.VINAY CHOPRA

Sample Collected At:
 Dr vinay kumar chopra
 Kos diagnostic lab, 6349/i, nicholson
 road, ambala cantt, hry 133001.
**PROCESSING LOCATION:- Metropolis
 Healthcare Ltd, Unit No. 409- 416, 4th
 Floor, Commercial Building-1,
 Kohinoor Mall, Mumbai-70**

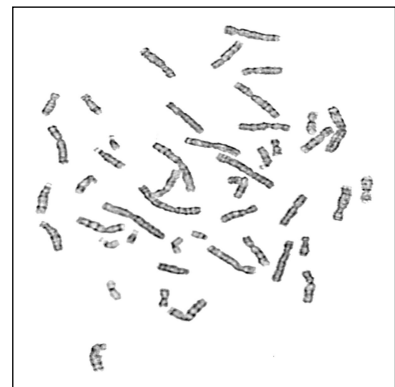
VID: 54213320015824
 Registered On:
 24/06/2021 10:02 PM
 Collected On:
 26/06/2021 6:04AM
 Reported On:
 09/07/2021 04:16 PM

REPORT OF KARYOTYPE ANALYSIS



KARYOTYPE RESULT : 46,XX,t(1;4)(p22;p14)

BAND RESOLUTION : 550



Note:Results are interpreted on basis of all metaphases analyzed.This Karyotype is only a representation

-- End of Report --

Kundanbala Desai

Kundanbala Desai
 Consultant Analyst - Medical Genetics
 Metropolis - Mumbai