PARDEEP 54173283961

PID NO: P11171150273 Age: 35 Year(s) Sex: Male

Reference:

Sample Collected At: METROPOLIS HEALTHCARE LTD **DELHI**

F-2. Block -B1 (Ground Floor) Mohan Co-oprative Industrial Estate Mathura Road, New Delhi -110044

Zone: OUT-01(OS)110044

VID: 11177348112

Registered On: 26/12/2017 03:54 PM Collected On:

25/12/2017

Reported On: 09/01/2018 04:03 PM

Karyotyping by G-Banding Peripheral Blood

8120-17-K INTERNAL LAB NO.

72-hour stimulated cultures were put up with appropriate mitotic agents. **CULTURE METHOD**

GTG-Banding with Trypsin & Giemsa with 450-550 bands pattern (ISCN). **BANDING METHOD(S)**

CLINICAL INDICATION(S) H/O 3 Abortions in wife.

NO.OF CELLS COUNTED 20

20 **NO.OF CELLS ANALYZED**

NO.OF CELLS KARYOTYPED 05

KARYOTYPE RESULT 46.XY

INTERPRETATION Apparently Normal Karyotype.

No numerical or structural abnormalities detected at the band resolution **COMMENTS**

achieved.

RECOMMENDATION(S) Kindly correlate clinically. Kindly refer to wife's report. For any queries please feel

free to contact at genetics department-02230840767.

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

Note: Importance of Clinical Indicatons

- 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.

Dr. Shailesh Pande

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Page 1 of 2 Consultant-HOD, Dept. of Genetics, Metropolis-Mumbai

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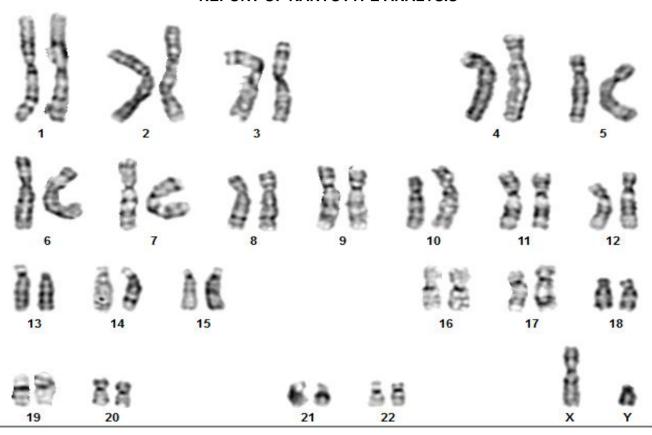
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REPORT OF KARYOTYPE ANALYSIS



KARYOTYPE RESULT : 46,XY

BAND RESOLUTION : 450



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

-- End of Report --

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Page 2 of 2 Consultant-HOD, Dept. of Genetics,

Metropolis-Mumbai