KULBIR SINGH 54173168958

PID NO: P11170707642

Age: 50 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: 11177327352

Registered On: 14/09/2017 04:51 PM Collected On:

14/09/2017

Reported On: 28/09/2017 07:32 PM

Karyotyping by G-Banding Peripheral Blood

5677-17-K INTERNAL LAB NO.

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

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

NO.OF CELLS COUNTED 20

NO.OF CELLS ANALYZED 20

05 NO.OF CELLS KARYOTYPED

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. For any gueries 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. Anurita Pais CYTOGENETICIST, Metropolis-Mumbai

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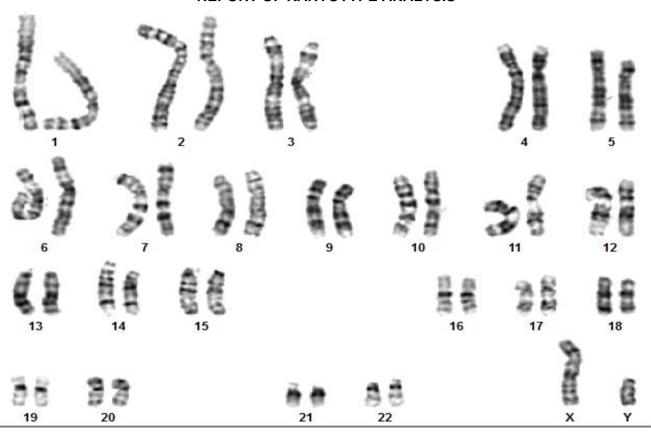
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REPORT OF KARYOTYPE ANALYSIS



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 --



Dr. Anurita PaisCYTOGENETICIST, Metropolis-Mumbai

Page 2 of 2