GURMEET SINGH 54173194294

PID NO: P11170812509
Age: 34 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: 11177331965
Registered On:
08/10/2017 02:06 PM
Collected On:
08/10/2017
Reported On:
30/10/2017 04:57 PM

Karyotyping by G-Banding Peripheral Blood

INTERNAL LAB NO.	6255-17-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).
CLINICAL INDICATION(S)	Infertility.
NO.OF CELLS COUNTED	20
NO.OF CELLS ANALYZED	20
NO.OF CELLS KARYOTYPED	05
KARYOTYPE RESULT	46,XY
INTERPRETATION	Apparently Normal Karyotype.
COMMENTS	No numerical or structural abnormalities detected at the band resolution achieved.
RECOMMENDATION(S)	Kindly correlate clinically. 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. Anurita Pais
CYTOGENETICIST, Metropolis-Mumbai

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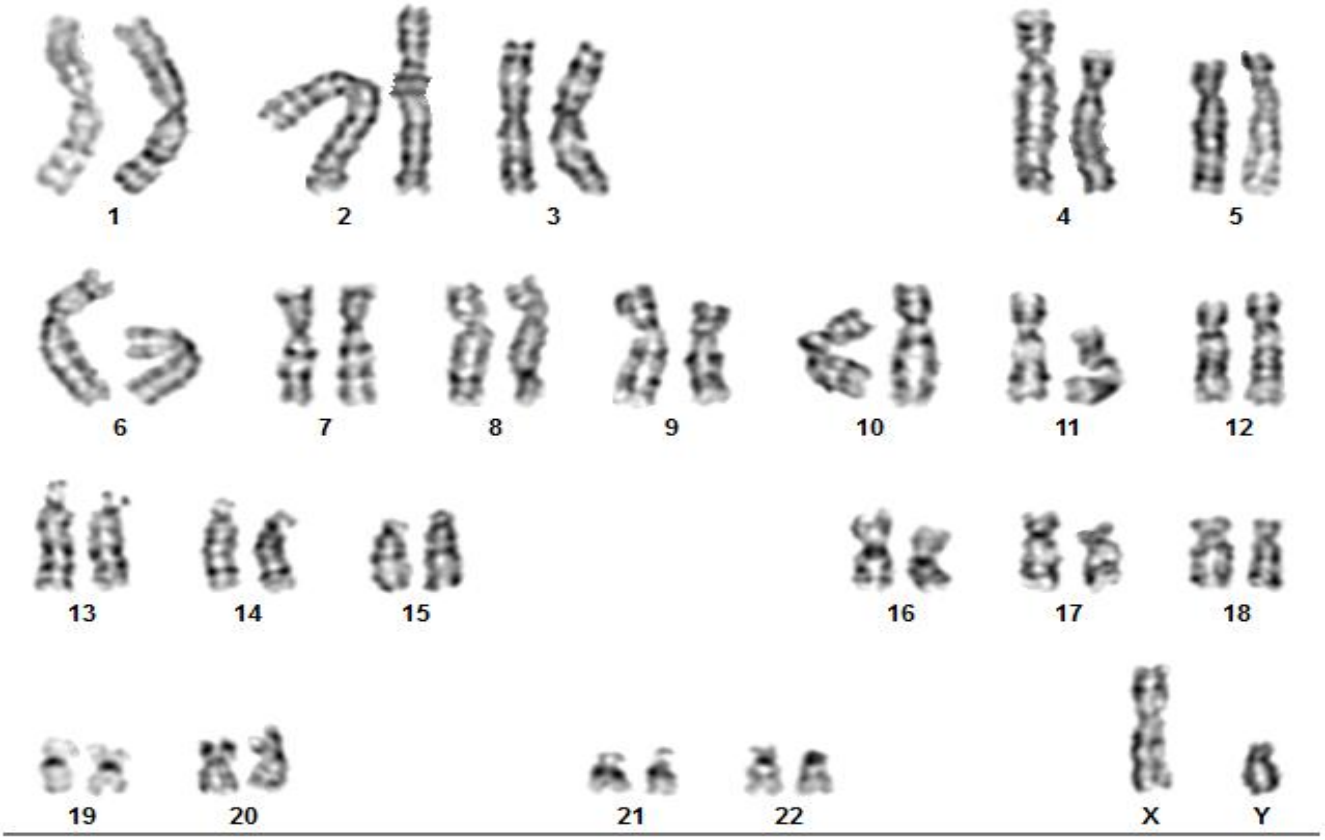
REPORT OF KARYOTYPE ANALYSIS



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 Pais
CYTOGENETICIST, Metropolis-Mumbai