

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

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

LABORATORY REPORT			
Name	: Mr. MANDEEP SINGH	Sex/Age	: Male/30 Years
Ref By	: DR. VINAY CHOPRA	Dis. Loc.	:
Bill. Loc.	: KOS DIAGNOSTIC LAB		
Registration Date & Time	: 08-Jan-2024 09:06	Sample Type	: Heparin Whole Blood - Na
Sample Date & Time	: 08-Jan-2024 09:06	Sample Coll. By	:
Report Date & Time	: 13-Jan-2024 20:57	Acc. Remarks	:
		Case ID	: 40121600791
		Pt ID	:
		Pt. Loc.	:
		Ph #	:
		Ref Id	:
		Ref Id 2	:

### Chromosome Analysis Report

<b>Clinical History</b>	No clinical history available.
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<b>Karyotype</b> (ISCN Nomenclature 2020)	46,XY
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<b>Interpretation</b>	Normal Karyotype
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<b>Banding Method</b>	: GTG	<b>Culture Type</b>	: 72hrs PHA stimulated
<b>Banding Resolution</b>	: Approx 550	<b>Metaphases Counted</b>	: 20
<b>Metaphases Analyzed</b>	: 20	<b>Metaphase Karyotyped</b>	: 05
<b>Proliferative Index</b>	: Good	<b>Quality of Metaphases</b>	: Good

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**Dr. Samarth S. Bhatt**  
Ph.D, EU Dip in  
Mol. Cytogenetics

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**NOTE:**  
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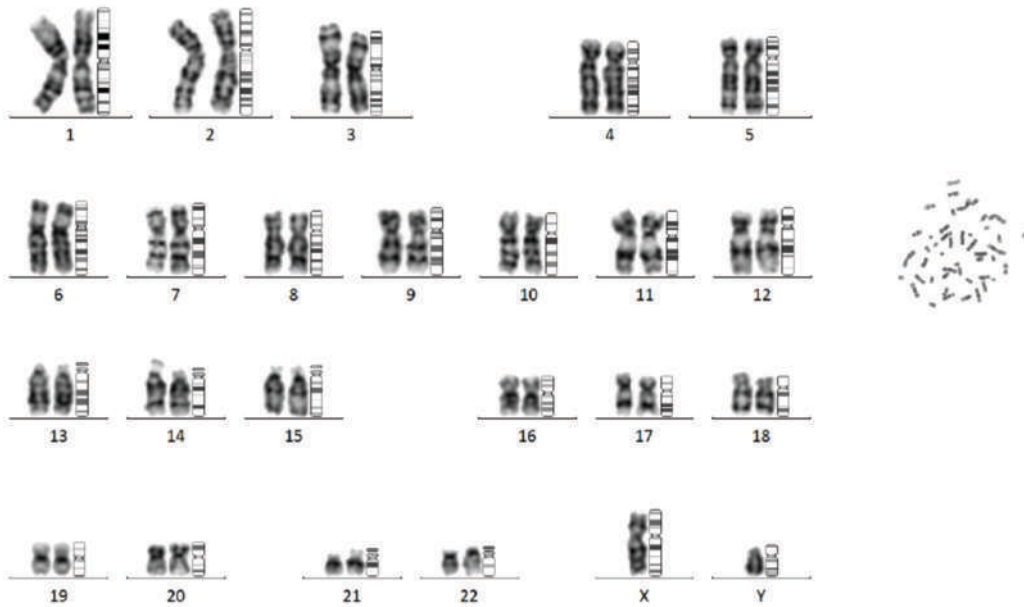
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**LABORATORY REPORT**

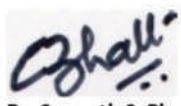


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**Karyogram and Metaphase**



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**Limitation**

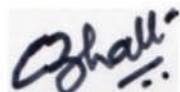
The error rate of the test is 0.5%. The normal report does not rule out very Low grade mosaicism, minor chromosomal anomalies, and deletion, Duplication or Inversion at very subtle level. The report should be interpreted in accordance with the counselling provided before the test and with the report. A standard G-banded Karyotype usually has a resolution of around 5 Mb.

**Disclaimer**

Polymorphic variants have not been reported as these variants are not associated with specific disease or phenotype. Cytogenetically visible polymorphic variants include variants involving heterochromatin (variant size), satellite size, pericentric inversions (heterochromatic or euchromatic regions) [e.g., 1qh+/qh-, 9qh+/qh-, 16qh+/qh-, acrocentric p+ or p-, Yqh+/qh-, inv(9)(p11q13), inv(2)(p11.2q13)] and also euchromatic variants (e.g., located on 4p16, 8p23.1, 9p12, 9q13-q21.12, 15q11.2, 16p11.2).

**Reference:** Silva, M., de Leeuw, N., Mann, K., Schuring-Blom, H., Morgan, S., Giardino, D., Rack, K. and Hastings, R., 2019. European guidelines for constitutional cytogenomic analysis. *European Journal of Human Genetics*, 27(1), pp.1-16.

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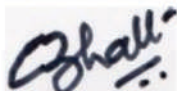
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----- End Of Report -----

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