



|              |  |               |   |
|--------------|--|---------------|---|
| Name         | : IPSC RSTS3A C.O DR.CHETNA S  | Age           | : Unknown   |
| Lab No.      | : 170950424  | Gender        | : Male  |
| Ref by       | : Dr. CHETNA   | Reported      | : 25/01/2023 17:25:27   |
| Collected    | : 12/01/2023 16:27:00  | Report Status | : Final   |
| A/c Status   | : P  |               |   |
| Collected at | : LPL-ROHINI (NATIONAL REFERENCE LAB)<br>National Reference laboratory, Block E,<br>Sector 18, ROHINI DELHI 110085 | Processed at  | : LPL-NATIONAL REFERENCE LAB National<br>Reference laboratory, Block E, Sector 18,<br>Rohini, New Delhi -110085 |

## CHROMOSOME ANALYSIS (KARYOTYPE)

### Result Summary

Normal

### Interpretation

Normal Male karyotype. No numerical or structural chromosomal anomalies detected at 450-550 banding resolution.

### Note:

1. Microdeletions and cryptic chromosome deletions may not be detected by this method.
2. Results to be clinically correlated.

### Result (ISCN 2020)\*

46,XY

### Reason for referral

Mutant (*CBP* gene mutated)

\*Karyogram attached

### Specimen

iPSC- RSTS3A

### Medium

Stem Flex

### Method

Fibroblast culture

### Banding Method

Banding Resolution: 450-550

| Stain Name | Cells Analysed | Cells Counted | Karyograms Prepared |
|------------|----------------|---------------|---------------------|
| GTG        | 20             | 20            | 02                  |
| TOTAL      | 20             | 20            | 02                  |

Abbreviations: GTG=G-banding; QFQ=Q-banding;  
DAPI=DAPI-staining; CBG=C-banding; AGNOR=Silver-staining; NON=Non-banded

The sum of cells analyzed and cells counted equals the total cells examined.



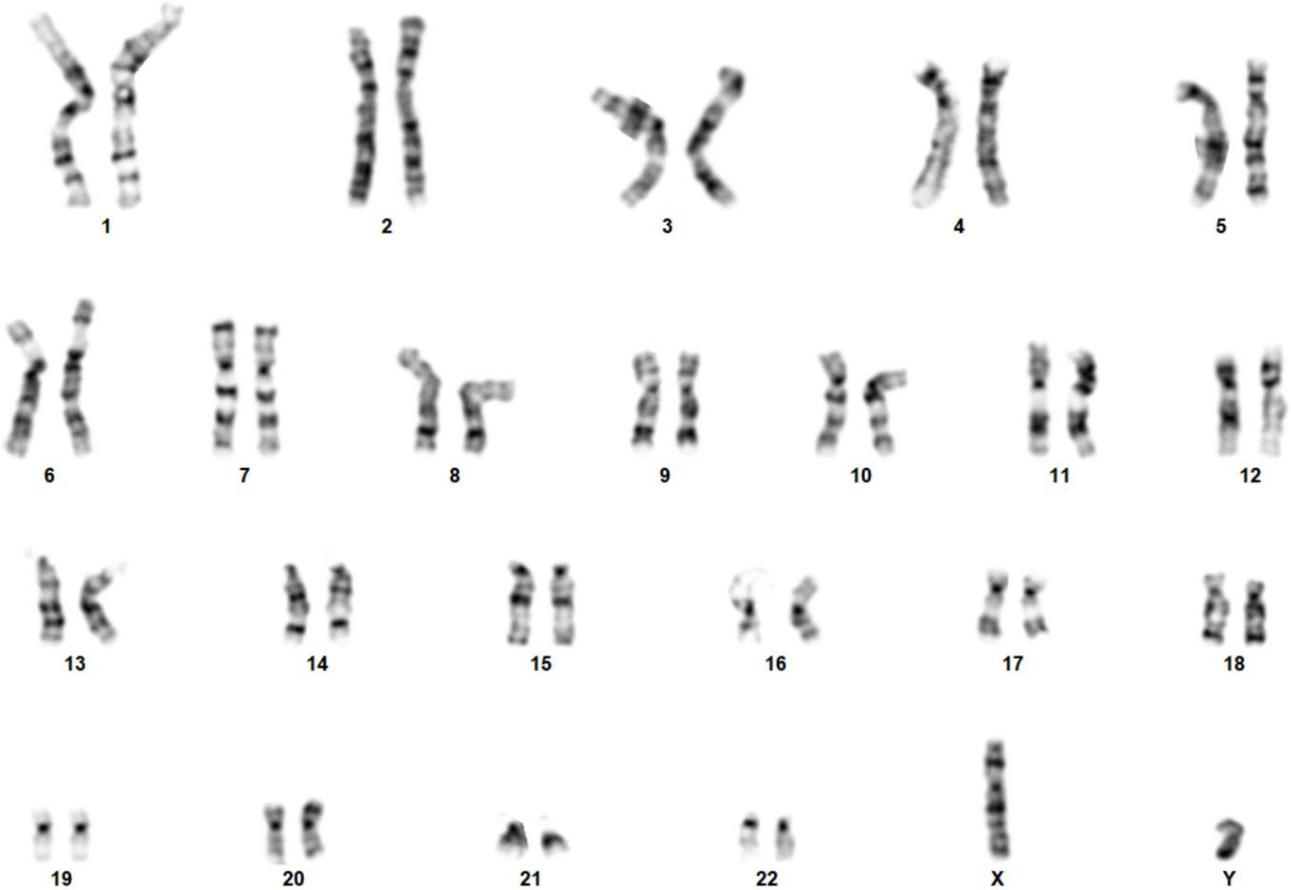
Note : 1. Metaphases captured by Robotic Microscope  
2. Karyogram attached

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Classification: Restricted



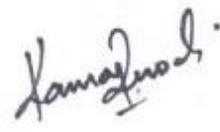
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Dr Vamshi Krishna Thamtam  
MD, Pathology, PDF (Genetics)  
Head - Genomics  
NRL - Dr Lal PathLabs Ltd



Dr Leena Rawal  
PhD, Molecular Genetics  
Principal Research Scientist-I (Clinical Cytogenomics)  
NRL - Dr Lal PathLabs Ltd



Dr. Kamal Modi  
MD, Biochemistry  
Consultant Biochemist  
- Dr Lal PathLabs Ltd



Note : 1. Metaphases captured by Robotic Microscope  
2. Karyogram attached

### **IMPORTANT INSTRUCTIONS**

•Test results released pertain to the specimen submitted . •All test results are dependent on the quality of the sample received by the Laboratory .  
•Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Sample repeats are accepted on request of Referring Physician within 7 days post reporting. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted . •Certain tests may require further testing at additional cost for derivation of exact value . Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations . •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes . •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner /Doctor. •The report does not need physical signature.  
(#) Sample drawn from outside source.  
If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.  
Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com  
National Reference lab, New Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411), ISO 27001:2013 (616691) Certified laboratory.

Note : 1. Metaphases captured by Robotic Microscope  
2. Karyogram attached



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