

To : Institute Of Fetal Medicine-Kolkata

2nd Floor,152,S.P Mukherjee Road,

West Bengal

Kolkata - 700026

Contact:

Report Of: Ms. MASOOMA KHATUN

Pt. Contact:



Sample ID : 2490006963

Patient ID : 1002457794

Received on : 09/08/2024 16:19

Registered on : 09/08/2024 18:22

Reported on : 17/08/2024 16:11

Referred by : DR.KUSAGRADHI GHOSH

### Cytogenetics Chromosome Analysis Report

Patient Name : Ms. MASOOMA KHATUN

Age : 23 years

Physician Name : DR.KUSAGRADHI GHOSH

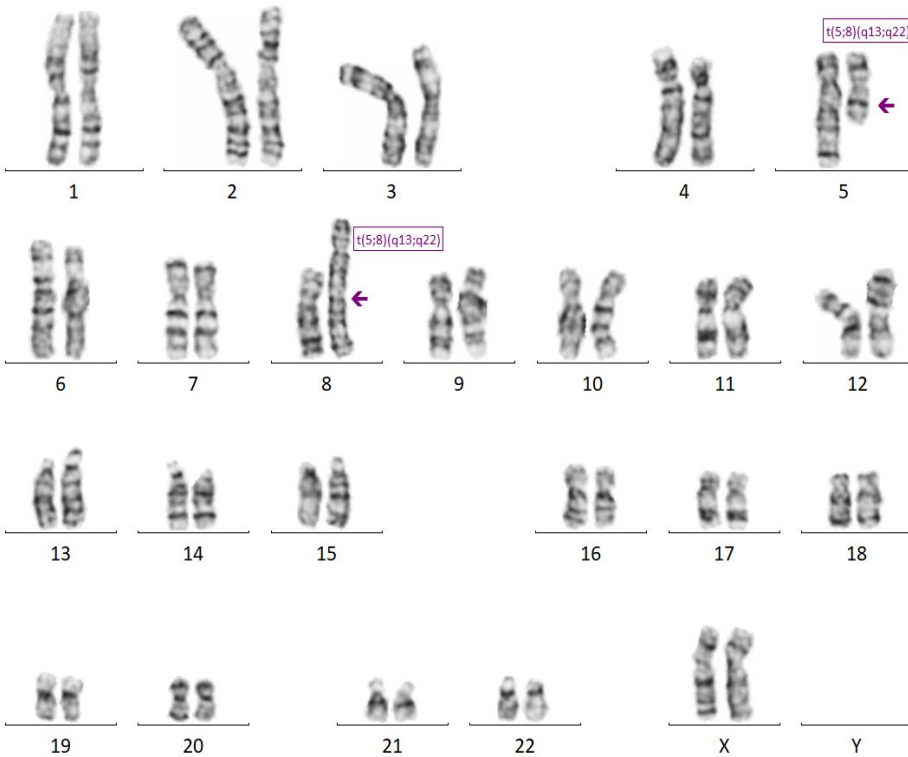
Test Requested : Epitome-Blood Karyotype

Referral Reason : To rule out chromosomal rearrangements

Gender : FEMALE

City : KOLKATA

Specimen Type : Peripheral Blood



46,XX,t(5;8)

46,XX,t(5;8)

**Metaphase Counted :** 20

**Metaphase Karyotyped :** 10

**Autosome :** t(5;8)(q13;q22)

**Karyotype :** 46,XX,t(5;8)(q13;q22)

**ISCN :** 2020

**Result :** Cultured peripheral blood from this patient showed a female karyotype with apparently balanced reciprocal translocation between long arms of chromosome 5 and 8.

**Banding technique :** GTG

**Metaphase Analyzed :** 20

**Sex Chromosomes :** Normal

**Estimated Band Resolution :** 400-550

**Interpretation :** Female karyotype with apparently balanced reciprocal translocation between long arms of chromosome 5 and 8 - 46,XX,t(5;8)(q13;q22)

**Recommendations :** It is suggested for genetic counseling and to monitor future pregnancies by prenatal diagnosis.

**Note :** We have exercised our best efforts to accurately analyze the chromosome karyotypes of this specimen. However, the level of resolution in this G-banded analysis cannot detect cryptic / submicroscopic deletions. The above analysis is based on the sample received in the laboratory. In addition, maternal cell contamination (Only for Prenatal) or low level mosaicism may not be detected.



**Ajinkya Jadhav**

Incharge Cytogenetics



**Dr. Yamini Jadhav**

Head Clinical Cytogenetics

(End of Report)