To: Apollo Multispeciality Hospital-Kolkata

58 , Canal Circular Road, Kadapara Phool Bagan

West Bengal Kolkata - 700054 Contact: 7903876206

Report Of: Mrs. MONALISA GHOSH

Pt. Contact: 9933528578

Sample ID: 2490008621

Patient ID: 1002477852

Received on: 25/09/2024 16:56

Registered on: 25/09/2024 20:24

Reported on: 27/09/2024 14:20

Referred by: DR.KANCHAN MUKHERJEE

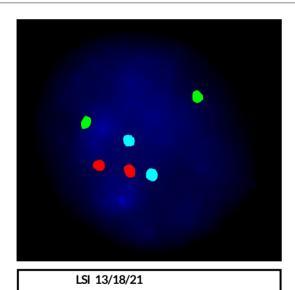
Fluorescence in situ Hybridization (FISH) Report

Patient Name: Mrs. MONALISA GHOSH Gender: FEMALE
Age: 33 years City: KOLKATA

Physician Name : DR.KANCHAN MUKHERJEE Specimen Type : Amniotic Fluid

Referral Reason: Trisomy 21 risk (1:80)

Test Requested:



FISH Chromosomes 13,18,21,XY

Mrs. MONALISA GHOSH

Sample ID: 2490008621

FISH was performed on interphase nuclei from uncultured amniotic fluid sample of this patient using LSI 13/ 18/ 21 and CEP Sex chromosome probes from Metasystems, Germany, localized to 13q14, 18q21, 21q22 and centromeric region of Sex chromosomes.

Result: Probe hybridization showed the presence of two signals for chromosome 13 (green), two signals for

chromosome 21 (orange), two signals for chromosome 18 (aqua) and normal hybridization pattern for sex

chromosomes in all the 50 cells analyzed.

PRENATAL SEX OF THE FETUS CANNOT BE REVEALED DUE TO CENTRAL GOVERNMENT 2003 ACT ON PRENATAL DIAGNOSIS.

Interpretation: No aneuploidy was detected for 13, 18, 21 and Sex chromosomes.

Results of FISH analysis should be interpreted in conjunction with information available from other diagnostic procedures. All genetic disorders cannot be ruled out by FISH.

FISH quickly rules out the most common chromosomal abnormalities i.e. Trisomy 13, 18, 21 and numerical sex chromosome disordes within 3 days. Low-level mosaicism may not be detected.

Recommendations: NA

Note: The FISH results should be confirmed with conventional cytogenetics results. The above analysis is based on the sample received in the laboratory.

Ajinkya Jadhav

Incharge Cytogenetics

Dr. Yamini Jadhav Head Clinical Cytogenetics

(End of Report)