Lilac Insights™
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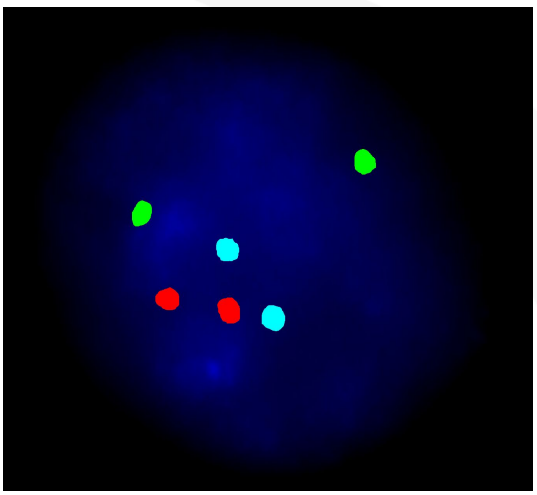
To : Apollo Multispeciality Hospital-Kolkata
58 , Canal Circular Road,
Kadapara Phool Bagan
West Bengal
Kolkata - 700054
Contact: 7903876206
Report Of: Mrs. MONALISA GHOSH
Pt. Contact: 9933528578

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
Test Requested :	FISH Chromosomes 13,18,21,XY	
Referral Reason :	Trisomy 21 risk (1:80)	



LSI 13/18/21

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)

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