

To : Novita Fetal And Womens Clinic-Bangalore  
607 1st Floor,Nagarbhavi Main Road,  
Opp To Nammooora Thindi Hotel Vinayaka Layout  
Karnataka  
Bangalore - 560072  
Contact:  
**Report Of: Mrs. SRIDEVI M**  
Pt. Contact: 9738065743

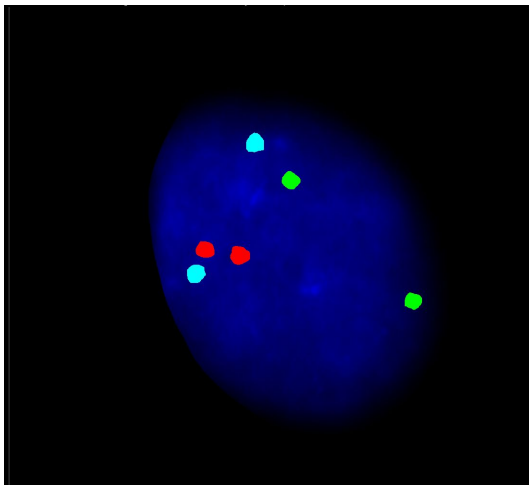


Sample ID : 2310031371  
Patient ID : 1002364488  
Received on : 02/08/2023 10:34  
Registered on : 05/08/2023 11:57  
Reported on : 05/08/2023 17:09  
Referred by : DR.SHRUTHI K.

### Fluorescence in situ Hybridization (FISH) Report

Patient Name : Mrs. SRIDEVI M  
Age : 24 years  
Physician Name : DR.SHRUTHI K.  
Test Requested : Prenatal Karyotype+FISH Chromosomes 13,18,21,XY  
Referral Reason : **EARLY ANOMALY TRICUSPID REGURGITATION**

Gender : FEMALE  
City : BANGALORE  
Specimen Type : Amniotic Fluid



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 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. The accuracy of the test is about 99%. FISH quickly rules out the most common chromosomal abnormalities i.e. Trisomy 13, 18, 21 and numerical sex chromosome disorders 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**  
Consultant Cytogenetics

(End of Report)