

FLUORESCENCE IN SITU HYBRIDIZATION (FISH) ANALYSIS REPORT

Patient Name:	SAMPLE, JANET	Cytogenetics Number:	16-XXXX
Date of Birth:	03/16/1984	Customer Specimen ID:	XXXXXXX
Sex:	Female	Collection Date:	02/05/2016
Specimen Type:	AMNIOTIC FLUID	Received Date:	02/05/2016
Physician:	JANE DOCTOR, M.D.	Requested Date:	02/05/2016
Clinical Data:	INCREASED RISK FOR TRISOMY 18	Reported Date:	02/12/2016

Results: Normal FISH result for ANEUVYSION panel

INTERPRETATION: Normal male result for the Aneuvysion FISH panel.

A preliminary report was faxed on 2/06/15.

FISH ANALYSIS

Probe	Chromosome Target	Result
RB1 (Abbott)	TRISOMY 13	Negative
D18Z1 (Abbott)	TRISOMY 18	Negative
D21S259 (Abbott)	TRISOMY 21	Negative
DXZ1 (Abbott)	SEX CHROMOSOME ANEUPLOIDY	Negative
DYZ3 (Abbott)	SEX CHROMOSOME ANEUPLOIDY	Negative

FISH INTERPRETATION

- 1 Two signals for chromosome 13 were seen in 48 out of 50 (96.00%) interphase nuclei examined.
- 2 Two signals for chromosome 18 were seen in 49 out of 50 (98.00%) interphase nuclei examined
- 3 Two signals for chromosome 21 were seen in 50 out of 50 (100.00%) interphase nuclei examined.
- 4 One signal for the X chromosome was seen in 50 out of 50 (100.00%) interphase nuclei.
- 5 One signal for the Y chromosome was seen in 50 out of 50 (100.00%) interphase nuclei examined.

CPT Codes: 88377x2

ISCN Diagnosis 13q14(RB1x2)[48/50], 18p11.1-q11.1(D18Z1x2)[49/50], 21q22.13-q22.2(D21S259x2,D21S341x2,D21S342x2)[50/50], Xp11.1-q11.1(DXZ1x1)[50/50], Yp11.1-q11.1(DYZ3x1)[50/50]

Note: The Aneuvysion Assay Kit has been cleared by the FDA for use in conjunction with fetal karyotype analysis that provides a rapid method for detection of trisomy 13, 18, 21 and sex chromosome aneuploidies. The FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is regulated under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high complexity clinical testing.

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Reviewed By:

KATHLEEN LEPPIG, M.D.

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