

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/2/1982
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Chorionic Villus, FISH

ARUP test code 0040203

Chorionic Villus, FISH

See Note (Ref Interval: Normal)

Specimen Received
Specimen Type: CVS
Reason for Referral: NIPT, positive T21
Test Performed: FISH, CVS

ABNORMAL FISH RESULT: Trisomy 21

DIAGNOSTIC IMPRESSION:
Prenatal interphase fluorescence in situ hybridization (FISH) analysis was performed with chromosome enumeration probes for 13, 18, 21, X, and Y using the Aneuvysion probe kit (Abbott Molecular). 50 interphase cells were scored for each probe.

This analysis showed three hybridization signals for chromosome 21, consistent with trisomy 21.

Sex chromosomes: XY (male)

There was no evidence of a numerical abnormality for chromosomes 13, 18, X, and Y.

FISH analysis performed on CVS presumes that the fetal chromosome complement is accurately reflected in the extra-embryonic tissue. There are rare examples in which the karyotype of the CVS is not consistent with that of the fetus.

ISCN:
nuc ish(DXZ1x1,DYZ3x1,D18Z1x2),
(RB1x2,D21S259/D21S341/D21S342x3)

Recommendations:
The American College of Medical Genetics recommends (1) that clinical decision-making should be based on information from two of three of the following: positive FISH results, confirmatory chromosome analysis, or consistent clinical information, (2) chromosome analysis to determine the mutational mechanism accounting for the abnormal FISH result, and (3) genetic counseling.

This result has been reviewed and approved by Julie Leana Cox, Ph.D., FACMG
Electronic Signature

INTERPRETIVE INFORMATION: Fluorescence in Situ Hybridization, CVS
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement C: aruplab.com/CS

H=High, L=Low, *=Abnormal, C=Critical

EER Chorionic Villus, FISH

See Note

Access ARUP Enhanced Report using either link below:



VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Chorionic Villus, FISH	18-093-120646	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Chorionic Villus, FISH	18-093-120646	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical