

Patient ID SA00107056	Patient Name TESTINGRNV, SAMPLEREPOR-PADF	Birth Date 1977-12-25	Gender F	Age 40
Order Number SA00107056	Client Order Number SA00107056	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 06 Jun 2018 10:47		

Prenatal Aneuploidy Detection, FISH

Result Summary

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Abnormal

Interpretation

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A signal pattern consistent with trisomy 21 was observed, typically associated with a postnatal presentation of Down syndrome.

Chromosome analysis is recommended to distinguish between trisomy 21 and an unbalanced rearrangement to inform recurrence risks. For more information regarding additional testing, call 800-533-1710.

Medical decisions should not be based solely on aneuploidy FISH results per the American College of Medical Genetics and Genomics.

If additional cell cultures have not already been ordered, cultures from this specimen will be discarded 10 days after all cytogenetic test results have been reported. If further testing is desired, call 507-284-1668.

A genetic consultation may be of benefit.

Result

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Chromosome	Result
XX	normal
13	normal
18	normal
21	abnormal(+21)

NOMENCLATURE:

nuc ish(D21S339x3)

Of 100 nuclei, 100 had 2 DXZ1 and no DYZ3 signal, 100 had 2 D18Z1 signals, 100 had 2 signals for 13q14.3 and 100 had 3 signals for 21q22.

Reason for Referral

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r/o Down syndrome/Trisomy 21

Specimen

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Amniotic Fluid

Method

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Locus and probes	[Strategy;#Nuclei;Class]
XCEN(DXZ1), YCEN(DYZ3), 18CEN(D18Z1)	[COPY#;100;ASR]
13q14(D13S1551), 21q22(D21S339)	[COPY#;100;LDT]

Probe strategy includes: Copy#=region gain and loss.

Disclaimer

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Analyte Specific Reagent (ASR) and Laboratory Developed Tests (LDT). This test was developed using an analyte specific reagent. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration. This FISH test does not rule out other chromosome anomalies (Jalal et al., Mayo Clin Proc 73:132-137, 1998).

Released By

MCR

Rhett P. Ketterling, M.D.

Received: 06 Jun 2018 13:19

Reported: 25 Jun 2018 07:45

Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905