

Patient ID <b>SA00107054</b>	Patient Name <b>TESTINGRNV, SAMPLEREPORT-PADF</b>	Birth Date <b>1977-12-25</b>	Gender <b>F</b>	Age <b>40</b>
Order Number <b>SA00107054</b>	Client Order Number <b>SA00107054</b>	Ordering Physician <b>CLIENT,CLIENT</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>06 Jun 2018 10:43</b>		

## Prenatal Aneuploidy Detection, FISH

### Result Summary

MCR

Normal

### Interpretation

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A normal signal pattern for chromosomes 13, 18, 21 and XY was observed.

This normal FISH result does not exclude the majority of cytogenetically detectable abnormalities. A chromosomal microarray study, test CMAP (Chromosome Microarray, Prenatal) is recognized by the American College of Obstetricians and Gynecologists as the most effective test to detect clinically relevant gains or losses of chromosomal material (ACOG Committee Opinion No. 682. Obstet Gynecol. 128(6):1462-3, 2016). It may be possible to perform chromosomal microarray on this specimen if the request is received within ten days of release of this report. For more information regarding these tests, 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
XY	normal
13	normal
18	normal
21	normal

### NOMENCLATURE

nuc ish(DXZ1x1,DYZ3x1,D18Z1x2),(D13S1551,D21S339)x2

Of 100 nuclei, 100 had 1 DXZ1 and 1 DYZ3 signal, 100 had 2 D18Z1 signals, 100 had 2 signals for 13q14.3 and 100 had 2 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).

### Performing Site Legend

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



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**Released By**

**MCR**

Rhett P. Ketterling, M.D.

**Received:** 06 Jun 2018 13:18

**Reported:** 25 Jun 2018 07:44

Test Environment  
Standard Template

**Performing Site Legend**

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