

Patient ID <b>SA00006717</b>	Patient Name <b>TESTINGRNV, SAMPLEREPORT-SRYF</b>	Birth Date <b>1983-12-12</b>	Gender <b>M</b>	Age <b>32</b>
Order Number <b>SA00006717</b>	Client Order Number <b>SA00006717</b>	Ordering Physician <b>CLIENT, CLIENT</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>07 Feb 2016 07:15</b>		

## SRY, Yp11.3, FISH

### Result Summary

MCR

**Abnormal**

### Interpretation

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The male sex-determining region of the Y chromosome, SRY, is present and translocated to the short arm of an X chromosome in this phenotypic male with a 46,XX karyotype. These findings are typically associated with infertility (Vilain, E., 46,XX Testicular Disorder of Sex Development. In: GeneReviews: <http://www.ncbi.nlm.nih.gov/books/NBK1416/> accessed on 02/09/2016). A genetic consultation may be of benefit.

### Result

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ish der(X)t(X;Y)(p22.3;p11.3;)(SRY+,DXZ1+)

SRY hybridized to the short arm of the X chromosome and DXZ1 to the X centromere in ten metaphase cells.

### Reason for Referral

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XX male

### Specimen

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Blood

### Method

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FISH using an Analyte Specific Reagent (ASR) probe for the SRY gene region (SRY) at Yp11.3 and a control probe (DXZ1) at X chromosome centromere.

### Disclaimer

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Analyte Specific Reagent (ASR). This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic, Rochester, MN. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH assay does not rule out other chromosome abnormalities.

### Released By

MCR

Patricia T. Greipp, D.O.

**Received:** 08 Feb 2016 08:14

**Reported:** 10 Feb 2016 08:11

### Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292