

Patient ID SA00150492	Patient Name TESTINGRNV, SRYF-ABNORMAL	Birth Date 1989-12-12	Gender M	Age 32
Order Number SA00150492	Client Order Number SA00150492	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 09:55		

SRY, Yp11.3, FISH

Result Summary

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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 (Delot and Vilain, Nonsyndromic 46,XX Testicular Disorders of Sex Development. In: GeneReviews: www.ncbi.nlm.nih.gov/books/NBK1416/ accessed on 02/02/2022).

A genetic consultation may be of benefit. Specialists in sex chromosome variations are available at Mayo Clinic. To speak to one of our specialists and/or refer a patient, please call the Department of Clinical Genomics at 800-533-1564.

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. Scoring method: Manual.

Disclaimer

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Analyte Specific Reagent (ASR). This test was developed using an analyte specific reagent. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH test does not rule out other chromosome abnormalities.

Released By

MCR

Patricia T. Greipp, D.O.

Received: 02 Feb 2022 09:56

Reported: 02 Mar 2022 10:38

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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