

Patient ID SA00076600	Patient Name TESTINGRNV, SAMPLEREPOR-SCTF	Birth Date 1945-03-08	Gender M	Age 71
Order Number SA00076600	Client Order Number SA00076600	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 30 Jun 2016 09:30		

Sex Chromosome, FISH, Ts

Result Summary

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See Interpretation

Interpretation

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FISH testing for chromosomes X and Y in this mesenteric lymph node specimen indicate the larger lymphoid cells are XX and XXX, while the surrounding normal lymph node is XY. These results suggest the lymphoma is likely from the female donor. It is also possible, although less likely, that the tumor cells could be from the male recipient and have lost the Y chromosome and gained one or two X chromosomes as part of the abnormal lymphoma karyotype. Clinical and pathologic correlation is recommended.

Result

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```
//nuc ish(DXZ1x2)[75/100]/(DXZ1x3)[25/100]
```

Of 100 nuclei, 75% of tumor cells had an XX signal pattern and, 25% of tumor cells had and XXX signal pattern, and 0% had an XY signal pattern. The surrounding lymph node had an XY signal pattern.

Reason for Referral

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monomorphic post-transplant lymphoproliferative disorder, diffuse large B-cell lymphoma type

Specimen

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Tissue, Paraffin

Source

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mesenteric lymph node

Tissue ID

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1234567890

Method

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Locus and probes	[Strategy;#Nuclei;Class]
XGEN(DXZ1), YGEN(DYZ3)	[COPY#;100;ASR]

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

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: 01 Jul 2016 11:43

Reported: 09 Aug 2016 10:05

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