

Patient ID SA00150485	Patient Name TESTINGRNV, SCTF-ABNORMAL	Birth Date 1950-03-08	Gender M	Age 71
Order Number SA00150485	Client Order Number SA00150485	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 08:26		

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, 25% of tumor cells had an XXX signal pattern and 0% had an XY signal pattern. The surrounding lymph node tissue 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, Formalin

Source

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mesenteric lymph node

Tissue ID

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BR-12345

Method

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

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

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 08:28

Reported: 02 Mar 2022 10:25

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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