

Patient ID SA00150410	Patient Name TESTINGRNV, MASF-POSITIVE	Birth Date 1950-02-20	Gender M	Age 71
Order Number SA00150410	Client Order Number SA00150410	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 31 Jan 2022 07:27		

MYC (8q24), Angiosarcoma, FISH, Ts

Result Summary

MCR

Positive

Interpretation

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The result is abnormal and indicates that tumor nuclei had amplification of the MYC locus. The MYC:D8Z2 ratio is 9.0. Amplification of the MYC gene is observed in a subset of primary and post-radiation angiosarcomas (Mentzel et al., J of Mod Path 25:75–85, 2012). Clinical and pathologic correlation is recommended.

Reporting guidelines:

A MYC:D8Z2 ratio equal to or greater than 2.0 and the presence of 6 or more MYC signals indicates MYC gene amplification.

Result

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nuc ish(D8Z2x1–3,MYC amp)

The MYC:D8Z2 ratio is 9.0.

Average MYC signals per nucleus is 19.3.

Average D8Z2 signals per nucleus is 2.2.

Reason for Referral

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r/o MYC gene amplification

Specimen

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Tissue, Paraffin, Formalin

Source

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vascular lesions

Tissue ID

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BR-12345

Method

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Locus and probes	[Strategy;#Nuclei;Class]
8CEN(D8Z2), 8q24.1(MYC)	[COPY#;60;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. Since only a portion of the tumor was tested, it is possible that this result may not represent the entire tumor population. Angiosarcoma FISH test results are valid for non-decalcified paraffin embedded specimens fixed in 10% neutral buffered formalin between 6 and 48 hours. Results from specimens fixed outside these parameters should be interpreted accordingly. This FISH test does not rule out other chromosome abnormalities.

Released By

MCR

Patricia T. Greipp, D.O.

Received: 31 Jan 2022 07:34

Reported: 21 Feb 2022 12:29

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