MAYO CLINIC LABORATORIES

1-800-533-1710

MASF

Angiosarcoma, MYC (8q24) Amplification, FISH, Tissue

Patient ID	Patient Name		Birth Date	Gender	Age
SA00150407	TESTINGRNV, MASF-NEGATIVE		1950-02-20	M	71
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00150407	SA00150407	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		30 Jan 2022 07:23			

MYC (8q24), Angiosarcoma, FISH, Ts

Result Summary MCR

Negative

Interpretation MCR

The tumor nuclei have no evidence of MYC gene amplification in this submitted tumor. The MYC:D8Z2 ratio is 1.00.

This result suggests the tumor has two chromosomes 8 with a normal MYC gene copy number. This result does not exclude the diagnosis of angiosarcoma.

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 MCR

nuc ish(D8Z2,MYC)x2

The MYC:D8Z2 ratio is 1.00.
Average MYC signals per nucleus is 2.0.
Average D8Z2 signals per nucleus is 2.0.

Reason for Referral MCR

r/o MYC gene amplification

Specimen MCR

Tissue, Paraffin, Formalin

Source MCR

vascular lesions

Tissue ID MCR

BR-12345

Method MCR

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 MCR

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 07:33 **Reported:** 21 Feb 2022 12:28

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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