MAYO CLINIC LABORATORIES

1-800-533-1710

MAMLF

MAML2 (11q21) Rearrangement, Mucoepidermoid Carcinoma (MEC), FISH, Tissue

Patient ID	Patient Name		Birth Date	Gender	Age
SA00150386	TESTINGRNV, MAMLF-POSITIVE		1950-02-15	M	71
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00150386	SA00150386	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		26 Jan 2022 08:24			

MAML2 (11q21), FISH, Ts

Result Summary

MCR

Positive

Interpretation

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The result is abnormal and indicates rearrangement of the MAML2 gene region. Rearrangement of the MAML2 gene has frequently been identified in mucoepidermoid carcinoma (Seethala RR et al. Am J Surg Pathol 34:1106–21, 2010; Garcia JJ et al. Human Pathol 42:2001–9, 2011). Clinical and pathologic correlation is recommended.

Result

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nuc ish(MAML2x2)(3'MAML2 sep 5'MAML2x1)[100]

Abnormality	Cutoff(%)
11q21(MAML2 sep)	<9.0

Reason For Referral

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r/o MAML2 gene rearrangement

Specimen

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Tissue, Paraffin, Formalin

Source

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salivary glands

Tissue ID

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BR-12345

Method

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Locus and probes	[Strategy;#Nuclei;Class]
11q21(3'MAML2,5'MAML2)	[BAP;100;LDT]

Probe strategy includes: BAP=break-apart probe.
Scoring Method: Manual

Disclaimer

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Laboratory Developed Test (LDT). This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration. This test is intended to be used as an adjunct to existing clinical and pathologic information currently used for the differential diagnosis. Since only a portion of the tumor was tested, it is possible that this result may not represent the entire tumor population. This FISH test does not rule out other chromosome abnormalities.

Released By

MCR

Patricia T. Greipp, D.O.

Received: 27 Jan 2022 08:31 **Reported:** 21 Feb 2022 12:24

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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