

Patient ID SA00150480	Patient Name TESTINGRNV, RET-POSITIVE	Birth Date 1950-03-05	Gender M	Age 71
Order Number SA00150480	Client Order Number SA00150480	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 07:44		

RET (10q11), FISH, Ts

Result Summary

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Positive

Interpretation

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The result is abnormal and indicates rearrangement of the RET gene. Lung adenocarcinomas with RET rearrangements may be sensitive to directed RET kinase inhibitors (Matsubara et al., J of Thoracic Oncol 7:1872–1876, 2012).

Clinical and pathologic correlation is recommended.

Result

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nuc ish(RETx2)(5'RET sep 3'RETx1)[48/50]

Abnormality	Cutoff(%)
10q11.2(RET sep)	<12.0

Of 50 nuclei, 96% had separation of 5'RET and 3'RET signals.

Reason for Referral

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r/o RET gene rearrangement

Specimen

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Tissue, Paraffin, Formalin

Source

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Lung

Tissue ID

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BR-12345

Method

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Locus and probes	[Strategy;#Nuclei;Class]
10q11.2(5'RET,3'RET)	[BAP;50;LDT]

Probe strategies include: 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. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH assay does not rule out other chromosome abnormalities.

Released By

MCR

Patricia T. Greipp, D.O.

Received: 02 Feb 2022 07:46

Reported: 02 Mar 2022 10:21

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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