

Patient ID SA00150463	Patient Name TESTINGRNV, NR4A3-POSTIVIVE	Birth Date 1960-05-15	Gender M	Age 61
Order Number SA00150463	Client Order Number SA00150463	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 31 Jan 2022 11:56		

NR4A3, Rearrangement, FISH, Ts

Result Summary

Positive

Interpretation

The result is abnormal and indicates tumor cells with a rearrangement of the NR4A3 locus. Rearrangement of the NR4A3 gene at 9q22.33 has been observed in extraskeletal myxoid chondrosarcoma (Benini et al., J Mol Diagn 16:314–323, 2014).

Clinical and pathologic correlation is recommended.

Result

nuc ish(NR4A3x2)(5'NR4A3 sep 3'NR4A3x1)[90/100]

Abnormality	Cutoff(%)
9q22.33(NR4A3 sep)	<5.0

Reason for Referral

r/o NR4A3 gene rearrangement

Specimen

Tissue, Paraffin, Formalin

Source

soft tissue mass

Tissue ID

BR-12345

Method

Locus and Probes	[Strategy;#Nuclei;Class]
9q22.33(5'NR4A3,3'NR4A3)	[BAP;100;LDT]

Probe Strategy: BAP=break apart probe.

Scoring Method: Manual

Disclaimer

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 FISH test does not rule out other chromosome abnormalities.

Released By

Patricia T. Greipp, D.O.

Received: 01 Feb 2022 12:30

Reported: 02 Mar 2022 09:42

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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