

Patient ID SA00150341	Patient Name TESTINGRNV, FOXOF-POSITIVE	Birth Date 2003-02-01	Gender M	Age 18
Order Number SA00150341	Client Order Number SA00150341	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Jan 2022 12:15		

FOXO1 (13q14), ARMS, FISH, Ts

Result Summary

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Positive

Interpretation

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The result is abnormal and indicates a rearrangement involving the FOXO1 gene region. Rearrangement of the FOXO1 gene at 13q14 has been observed in alveolar rhabdomyosarcoma (Barr, Oncogene 20:5736–5746, 2001).

Clinical and pathologic correlation is recommended.

Result

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nuc ish(FOXO1x2)(3'FOXO1 sep 5'FOXO1x1)[85/100]

Abnormality	Cutoff(%)
13q14(FOXO1 sep)	<9.0

Reason for Referral

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r/o FOXO1 gene rearrangement

Specimen

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Tissue, Paraffin, Formalin

Source

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right testicle

Tissue ID

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BR-12345

Method

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Locus and probes	[Strategy;#Nuclei;Class]
13q14(3'FOXO1,5'FOXO1)	[BAP;100;ASR]

Probe strategies include: BAP=break-apart probe.

Scoring Method: Manual

Disclaimer

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Analyte Specific Reagent (ASR). 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 test is intended to be used as an adjunct to existing clinical and pathologic information currently used for the differential diagnosis of alveolar rhabdomyosarcoma. This FISH assay does not rule out other chromosome abnormalities.

Released By

MCR

Patricia T. Greipp, D.O.

Received: 25 Jan 2022 12:18

Reported: 21 Feb 2022 09:09

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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