

Patient ID SA00076619	Patient Name TESTINGRNV, SAMPLEREPOR-TFE3F	Birth Date 1984-02-08	Gender M	Age 32
Order Number SA00076619	Client Order Number SA00076619	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 30 Jun 2016 09:39		

TFE3 (Xp11.23), FISH, Ts

Result Summary

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Positive

Interpretation

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The result is abnormal and indicates a rearrangement involving the TFE3 gene region. Rearrangement of the TFE3 gene has been observed in alveolar soft part sarcoma and Xp11.2 translocation-associated renal cell carcinoma (Joyama et al., Cancer 86(7):1246-1250, 1999; Ladanyi et al., Oncogene 20:48-57, 2001; Zhong et al., Am J Surg Pathol 34(6):757-766, 2010).

Clinical and pathologic correlation is recommended.

Result

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nuc ish(TFE3x1,DXZ1x1)(3'TFE3 sep 5'TFE3x1)[90/100] Of 100 nuclei, 90% had separation of the 3'TFE3 and 5'TFE3 signals with 1 DXZ1 signal. The normal cutoff is <20% for one 3'TFE3 and one 5'TFE3 with 1 DXZ1 signal.

Reason For Referral

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r/o Xp11.2 translocation

Specimen

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Tissue, Paraffin

Source

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left kidney

Tissue ID

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15-4637

Method

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Locus and probes	[Strategy;#Nuclei;Class]
Xp11.23(3'TFE3,5'TFE3), XCEN(DXZ1)	[BAP;100;ASR]

Probe strategy includes: BAP=break-apart probe.

Disclaimer

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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. This test is intended to be used as an adjunct to existing clinical and pathologic information currently used for the differential diagnosis of alveolar soft part sarcoma or Xp11.2 translocation-associated renal cell carcinoma. It 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

MCR

Patricia T. Greipp, D.O.

Received: 01 Jul 2016 11:46

Reported: 09 Aug 2016 10:19

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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