

Patient ID SA00150500	Patient Name TESTINGRNV, TFEBF-POSITIVE	Birth Date 1960-05-15	Gender M	Age 61
Order Number SA00150500	Client Order Number SA00150500	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 01 Feb 2022 11:33		

TFEB, 6p21.1, FISH

Result Summary

Positive

Interpretation

The result is abnormal and indicates tumor cells with a rearrangement of the TFEB locus. Rearrangement of the TFEB gene at 6p21.1 is associated with a molecular subtype of renal cell carcinoma (Argani et al., Am J Surg Pathol 36:1516–1526, 2012).

Clinical and pathologic correlation is recommended.

Result

nuc ish(TFEBx2)(3'TFEB sep 5'TFEBx1)[90/100]

Abnormality	Cutoff(%)
6p21.1(TFEB sep)	<9.0

Reason for Referral

r/o TFEB gene rearrangement

Specimen

Tissue, Paraffin, Formalin

Source

kidney mass

Tissue ID

BR-12345

Method

Locus and Probes	[Strategy;#Nuclei;Class]
6p21.1(3'TFEB,5'TFEB)	[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: 02 Feb 2022 11:35

Reported: 02 Mar 2022 10:46

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292