

Patient ID SA00150334	Patient Name TESTINGRNV, FGF1F-POSITIVE	Birth Date 1986-09-25	Gender M	Age 35
Order Number SA00150334	Client Order Number SA00150334	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Jan 2022 11:44		

FGFR1 (8p11.2) Amp, FISH, Ts

Result Summary

Positive

Interpretation

The result is abnormal and indicates that tumor nuclei had amplification of the FGFR1 locus with a FGFR1:D8Z2 ratio of 5.3 and an average FGFR1 copy number of 10.9 per tumor nucleus. A FGFR1:D8Z2 ratio greater than 2.0 or average FGFR1 copy number greater than or equal to 6 indicates amplification of the FGFR1 gene locus.

Patients with amplification of the FGFR1 gene may benefit from FGFR1 targeted therapy. Clinical and pathologic correlation is recommended.

Result

nuc ish(FGFR1x9-15,D8Z2x1-3)

The FGFR1:D8Z2 ratio is 5.3.
Average FGFR1 signals per cell is 10.9.
Average D8Z2 signals per cell is 2.1.

Reason for Referral

r/o FGFR1 gene amplification

Specimen

Tissue, Paraffin, Formalin

Source

Esophagus

Tissue ID

BR-12345

Method

Locus and Probes	[Strategy;#Nuclei;Class]
8p11.2(FGFR1), 8CEN(D8Z2)	[COPY#;60;ASR]

Probe Strategy: COPY#=region gain and loss.

Scoring Method: Manual

Disclaimer

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. 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. Since only a portion of the tumor was tested, it is possible that this result may not represent the entire tumor population. This FISH test does not rule out other chromosome abnormalities.

Released By

Patricia T. Greipp, D.O.

Received: 25 Jan 2022 11:46

Reported: 21 Feb 2022 09:01

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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