

Patient ID SA00150343	Patient Name TESTINGRNV, FUSF-POSITIVE	Birth Date 1984-02-19	Gender M	Age 37
Order Number SA00150343	Client Order Number SA00150343	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Jan 2022 12:31		

FUS (16p11.2), FISH, Ts

Result Summary

Positive

Interpretation

The result is abnormal and indicates a rearrangement involving the FUS gene region. Rearrangement of the FUS gene has been observed in low grade fibromyxoid sarcoma, myxoid liposarcoma, angiomatoid fibrous histiocytoma, and Ewing sarcoma (Downs-Kelly et al., Am J Surg Pathol 32(1):8-13, 2008; Storlazzi et al., Hum Mol Genet 12(18):2349-2358, 2003).

Clinical and pathologic correlation is recommended.

Result

nuc ish(FUSx2)(5'FUS sep 3'FUSx1)[90/100]

Abnormality	Cutoff(%)
16p11(FUS sep)	<9.0

Reason for Referral

r/o FUS gene rearrangement

Specimen

Tissue, Paraffin, Formalin

Source

right arm

Tissue ID

BR-12345

Method

Locus and probes	[Strategy;#Nuclei;Class]
16p11(5'FUS,3'FUS)	[BAP;100;ASR]

Probe strategy: BAP=break-apart probe.

Scoring Method: Manual

Disclaimer

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 low grade fibromyxoid sarcoma. This FISH assay does not rule out other chromosome abnormalities.

Released By

Patricia T. Greipp, D.O.

Received: 25 Jan 2022 12:35

Reported: 21 Feb 2022 09:12

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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