

Myxoid/Round Cell Liposarcoma, 12q13 (DDIT3 or CHOP) Rearrangement, FISH, Tissue

Patient ID SA00150309	Patient Name TESTINGRNV, DDITF-POSITIVE	Birth Date 1974-01-25	Gender M	Age 47
Order Number SA00150309	Client Order Number SA00150309	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 24 Jan 2022 09:30		

DDIT3, Myxoid Liposarcoma, FISH, Ts

Result Summary

Positive

Interpretation

The result is abnormal and indicates a rearrangement involving the DDIT3 gene region. Rearrangement of the DDIT3 gene at 12q13 has been observed in myxoid/round cell liposarcoma (Rabbitts et al., Nat Genet 4:175–180, 1993; Sandberg, Cancer Genet Cytogenet 155:1–24, 2004; Downs-Kelly et al., Am J Surg Pathol 32(1):8–13, 2008).

Clinical and pathologic correlation is recommended.

Result

nuc ish(DDIT3x2)(3'DDIT3 sep 5'DDIT3x1)[88/100]

Abnormality	Cutoff(%)
12q13(DDIT3 sep)	<17.0

Reason for Referral

r/o DDIT3 gene rearrangement

Specimen

Tissue, Paraffin, Formalin

Source

left thigh

Tissue ID

BR-12345

Method

Locus and probes	[Strategy;#Nuclei;Class]
12q13(3'DDIT3,5'DDIT3)	[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 myxoid/round cell liposarcoma. This FISH assay does not rule out other chromosome abnormalities.

Released By

Patricia T. Greipp, D.O.

Received: 25 Jan 2022 09:32

Reported: 21 Feb 2022 08:15

Performing Site Legend

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