

1-800-533-1710

PATIENT NAME TESTING, FUS		PATIENT NUMBER L3MRNG9164261		AGE 7	SEX M	ACCESSION # G9164261
ORDERING PHYSICIAN			CLIENT ORDER #		ACCOUNT # LIAISONS	
COLLECTION 02/07/11 01:23 P DATE TIME	RECEIVED 02/07/11 01:23 P DATE TIME	REPORT PRINTED 03/08/11 02:47 P DATE TIME	SPECIMEN INFORMATION DATE OF BIRTH: 1/13/2004			
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
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FUS (TLS), 16p11, FISH
REPORTED: 02/07/11 02:11 P

Specimen	Tissue-Slides	MCR
Specimen ID	1053382	MCR
Source		MCR
Left upper arm 10 S042948 HR10-48059		
Order Date	07 Feb 2011 13:25	MCR
Reason For Referral		MCR
r/o calcified hematoma		
Method		MCR
FISH for rearrangement of the FUS locus with probes for the 5' and 3' regions of the FUS gene at 16p11		
Result		MCR
nuc ish(FUSx2) (5'FUS sep 3'FUSx1) [91/100]		
91.0% of 100 nuclei had a separation of the 5'FUS and 3'FUS signals. The normal cutoff is <9% for one 5'FUS, one 3'FUS and one 5'FUS/3'FUS fusion signal.		
Interpretation		MCR
The result is abnormal and indicates a rearrangement involving the FUS gene region. Rearrangement of the FUS gene at 16p11 has been observed in low grade fibromyxoid sarcoma, myxoid liposarcoma, angiomatoid fibrous histiocytoma, and Ewing sarcoma. Clinical and pathologic correlation is recommended. Downs-Kelly et al., Am J Surg Pathol 32(1):8-13, 2008.		
DISCLAIMER: This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. 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		

* Perform Site Legend on last page of report

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does not rule out other chromosome abnormalities.

Reviewed By	Heather Lynn Owen	MCR
Release Date	07 Feb 2011 14:08	MCR

* PERFORMING SITE

MCR Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.
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