

1-800-533-1710

PATIENT NAME TESTING, FIMT		PATIENT NUMBER L3MRNG9164241		AGE 9	SEX M	ACCESSION # G9164241
ORDERING PHYSICIAN		CLIENT ORDER #			ACCOUNT # LIAISONS	
COLLECTION 02/07/11 12:35 P DATE TIME	RECEIVED 02/07/11 12:35 P DATE TIME	REPORT PRINTED 03/08/11 02:32 P DATE TIME		SPECIMEN INFORMATION DATE OF BIRTH: 10/23/2001		
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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IMT, 2p23, FISH
REPORTED: 02/07/11 12:42 P

Specimen	Tissue-Slides	MCR
Specimen ID	1053379	MCR
Source		MCR

Anterior palate MS10 3101 HR10 51690

Order Date	07 Feb 2011 12:37	MCR
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Reason for Referral		MCR
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inflammatory myofibroblastic tumor

Method		MCR
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FISH for the rearrangement of the ALK locus with probes for the 5' and 3' regions of the ALK gene region on chromosome 2 (2p23.2).

Results		MCR
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nuc ish(ALKx2) (5'ALK sep 3'ALKx1) [143/200] 71.5% of 200 nuclei had a separation of the 5'ALK and 3'ALK signals. The normal cutoff is <4% for one 5'ALK, one 3'ALK and one 5'ALK/3'ALK intact signal.

Interpretation		MCR
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The result is abnormal and indicates a rearrangement involving the ALK gene region in 71.5% of nuclei. Rearrangement of the ALK gene at 2p23.2 has been observed in inflammatory myofibroblastic tumor. Clinical and pathologic correlation is recommended.

DISCLAIMER: This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic, Rochester MN. 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 inflammatory myofibroblastic tumor. This FISH test does not

* Perform Site Legend on last page of report

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rule out other chromosome abnormalities.

Consultant

Heather Lynn Owen

MCR

Report Date

07 Feb 2011 12:41

MCR

Please note change in reporting title effective 7/8/2008.

* 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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