MAYO CLINIC LABORATORIES

1-800-533-1710

IMTF

ALK, (2p23), IMT, FISH, Ts

Patient ID	Patient Name		Birth Date	Gender	Age
SA00150944	TESTINGRNV, IMTF-POSITIVE		1989-07-15	M	32
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00150944	SA00150944	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		01 Mar 2022 11:37			

ALK, (2p23), IMT, FISH, Ts

Result Summary MCR

Positive

Interpretation MCR

The result is abnormal and indicates a rearrangement involving the ALK gene region in 90% of nuclei. Rearrangement of the ALK gene at 2p23.2 has been observed in inflammatory myofibroblastic tumor (Gleason et al. J Clin Pathol 4:428–437, 2008). Clinical and pathologic correlation is recommended.

Result MCR

nuc ish(ALKx2)(3'ALK sep 5'ALKx1)[90/100]

Abnormality	Cutoff(%)
2p23.2(ALK sep)	<7.0

Reason for Referral MCR

r/o ALK gene rearrangement

Specimen MCR

Tissue, Paraffin, Formalin

Source MCR

right lung

Tissue ID MCR

BR-12345

Method MCR

Locus and probes	[Strategy;#Nuclei;Class]
2p23.2(3'ALK,5'ALK)	[BAP;100;LDT]

Probe strategy: BAP=break-apart probe.
Scoring Method: Manual

Disclaimer MCR

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 inflammatory myofibroblastic tumor. Testing results are valid for non-decalcified paraffin embedded specimens fixed in 10% neutral buffered formalin between 6 and 72 hours. Results from specimens fixed outside these parameters should be interpreted accordingly. This FISH assay does not rule out other chromosome abnormalities.

Released By MCR

Patricia T. Greipp, D.O.

Received: 02 Mar 2022 11:58 **Reported:** 02 Mar 2022 12:27

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292