

## ALK-EML4 gene fusion by FISH

Order Name: **ALK FISH**  
Test Number: 9100787  
Revision Date: 10/01/2022

TEST NAME	METHODOLOGY	LOINC CODE
ALK-EML4 gene fusion by FISH	Fluorescence in Situ Hybridization	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>See Below</b>	<b>Tissue</b>	<b>Paraffin Block</b>	<b>Room Temperature</b>
Instructions	<b>Formalin fixed paraffin embedded tissue.</b> Tissue source and block ID containing tumor are required on the requisition form. Pathology permission is required for any alternate sample types.			

GENERAL INFORMATION	
Testing Schedule	Tuesday, Thursday
Expected TAT	7 Days
Clinical Use	Cinicial use: Rearrangements of the ALK (anaplastic large cell lymphoma) gene located at chromosome 2p23 is best detected by FISH analysis. Patients with lung adenocarcinoma carrying the ALK - EML4 gene fusion have been reported to have a good response to certain chemotherapeutic medications.
CPT Code(s)	88377
Lab Section	Reference Lab