

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	See Below	Tissue	Paraffin Block	Room Temperature
Instructions	Formalin fixed paraffin embedded tissue. 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