



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 |
| Service Provided By |  labcorp Oklahoma, Inc. |