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<b>New Test</b>	<b>3001302</b>	<b>ALK Gene Rearrangements by FISH, Lung</b>	<b>ALK_FISH</b>
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Additional Technical Information

**Methodology:** Fluorescence in situ Hybridization  
**Performed:** Monday-Friday  
**Reported:** 3-7 days

**Specimen Required:** Collect: Tumor tissue.

Specimen Preparation: Formalin fix (10 percent neutral buffered formalin) and paraffin embed tumor tissue. Protect paraffin block and/or slides from excessive heat. Transport tissue block or 4 unstained, consecutively cut, 4-micron thick sections, mounted on positively charged glass slides in a tissue transport kit (ARUP supply #47808 recommended but not required) available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787. (Min: 4 slides)

Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated.

Remarks: Include surgical pathology report with reason for referral. The laboratory will not reject specimens that arrive without a pathology report but will hold the specimen until this information is received.

Unacceptable Conditions: Specimens fixed or processed in alternative fixatives (alcohol, Prefer) or heavy metal fixatives (B-4 or B-5). No tumor in tissue. Decalcified specimens.

Stability (collection to initiation of testing): Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

**Reference Interval:** By report

**Interpretive Data:**

Refer to report.

See Compliance Statement A: [www.aruplab.com/CS](http://www.aruplab.com/CS)

**CPT Code(s):** 88366

New York DOH Approved.

**HOTLINE NOTE:** Refer to the Test Mix Addendum for interface build information.