



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



## ALK for Lymphoma

### Alternative Name

Anaplastic lymphoma kinase, (2p23)

### Methodology

FISH

### Test Description

**Probes:** ALK (2p23)

**Disease(s):** Anaplastic large cell lymphoma, NHL

### Clinical Significance

ALK gene rearrangements are associated with anaplastic large-cell lymphoma (ALCL), and patients with ALK-positive ALCL have a favorable prognosis compared to patients with ALK-negative ALCL. This FISH probe detects ALK gene rearrangements irrespective of the partner gene. This probe is available separately or as part of the [NHL FISH Panel](#).

### Specimen Requirements

- **Bone Marrow Aspirate:** 1-2mL Sodium Heparin Tube. EDTA tube is acceptable
- **Peripheral Blood:** 2-5mL Sodium Heparin Tube. EDTA tube is acceptable
- **Fresh, Unfixed Tissue:** Tissue in RPMI
- **Bone Marrow/ Peripheral Blood Smear or Fresh Tissue Touch Preparation Slides:** minimum 1 slide labeled with specimen type.
- **Fluids:** Equal parts RPMI to specimen volume.
- **Fixed Cell Suspension:** A client fixed cell suspension may be submitted for testing as long as it is received in 3:1 Methanol:Glacial Acetic Acid.
- **Paraffin Block:** H&E slide (required) plus paraffin block. Circle H&E for tech-only.
- **Cut Slides:** H&E slide (required) plus 2 unstained slides cut at 4 microns. Circle H&E for tech-only.
- **Note:** Please exclude biopsy needles, blades, and other foreign objects from transport tubes. These can compromise specimen viability and yield, and create hazards for employees.

### Storage & Transportation

Refrigerate specimen. Do not freeze. Use cold pack for transport, making sure cold pack is not in direct contact with specimen. For fresh samples: ship same day as drawn whenever possible; specimens <72 hours old preferred.

### CPT Code(s)\*

88377x1 manual. Codes may differ if automated analysis is performed.

### New York Approved

Yes

### Level of Service

Technical, Global

**Turnaround Time**

3-5 days for both unfixed and FFPE specimens

NeoGenomics Laboratories is a specialized oncology reference laboratory providing the latest technologies, testing partnership opportunities, and interactive education to the oncology and pathology communities. We offer the complete spectrum of diagnostic services in molecular testing, FISH, cytogenetics, flow cytometry, and immunohistochemistry through our nation-wide network of CAP-accredited, CLIA-certified laboratories.

Committed to research as the means to improve patient care, we provide Pharma Services for pharmaceutical companies, in vitro diagnostic manufacturers, and academic scientist-clinicians. We promote joint publications with our client physicians. NeoGenomics welcomes your inquiries for collaborations. Please contact us for more information.

\*The CPT codes provided with our test descriptions are based on AMA guidelines and are for informational purposes only. Correct CPT coding is the sole responsibility of the billing party.

Please direct any questions regarding coding to the payor being billed.



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