



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



ALL FISH Panel (Ph-Like)

Alternative Name

Philadelphia chromosome (Ph-like) acute lymphoblastic leukemia (ALL)| Ph-like ALL

Methodology

FISH

Test Description

Probes: PDGFRb (5q32), BCR/ABL1-ASS1 t(9;22), JAK2 (9p24.1), EPOR (19p13.2) and CRLF2 (Xp22.33/Yp11.32) are included in the ALL FISH (Ph-like) Panel. Probes may be ordered separately.

Disease(s): Philadelphia chromosome (Ph-like) acute lymphoblastic leukemia (ALL), B lymphoblastic leukemia/lymphoma.

Note: STAT processing is available by request for BCR-ABL1. Note STAT along with MD contact name and phone number to receive STAT results.

Clinical Significance

The ALL FISH Panel (Ph-like) detects cytogenetic abnormalities commonly associated with Philadelphia chromosome (Ph-like) acute lymphoblastic leukemia (ALL). Patients with Ph-like B-ALL are associated with an unfavorable prognosis, but may potentially be amenable to inhibition with select tyrosine kinase inhibitors.

Specimen Requirements

- **Bone Marrow Aspirate:** 1-2 mL in sodium heparin tube. EDTA tube is acceptable.
- **Peripheral Blood:** 2-5 mL 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 5 slides 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 or Cut Slides:** Not Available
- **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

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)*

88374x5 automated or 88377x5 manual. Codes may differ if manual analysis is performed.

New York Approved

Yes

Level of Service

Technical, Global

Turnaround Time

3-5 days

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.



9490 NeoGenomics Way
Fort Myers, FL 33912
Phone: 239.768.0600/ Fax: 239.690.4237
neogenomics.com
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