



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.





CLL FISH Panel

Alternative Name

Chronic lymphocytic leukemia

Methodology

FISH

Test Description

Probes: 6q- [SEC63 (6q21), MYB (6q23)] | ATM (11q22.3) | p53 (17p13.1) | Trisomy 12 (Cen 12) | 13q-/-13 (13q14, 13q34) | CCND1/IgH t(11;14) | Probes may be ordered separately (except 12 and 13 are tested together, and ATM is tested with p53).

Disease(s): Chronic lymphocytic leukemia

Note: This test was previously called CLL FISH Panel (non-New York). It is now New York state-approved and available to all clients.

Clinical Significance

The CLL FISH panel is used for the detection of chromosome aberrations observed in chronic lymphocytic leukemia/small lymphocytic lymphoma, which are useful in prognosis and prediction of time to treatment in CLL patients when used in combination with other clinical and diagnostic findings. CCND1/IgH is used to rule out mantle cell leukemia/lymphoma.

Specimen Requirements

- **Bone Marrow Aspirate:** 1-2 mL 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 4 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:** Send paraffin block. Also send circled H&E slide for tech-only (required). Note: Not approved for p53 probe. Not approved for NYS samples.
- **Cut Slides:** H&E slide (required) plus 4 unstained slides cut at 4-5 microns. Circle H&E slide for tech-only. Note: Not approved for p53 probe. Not approved for NYS samples.
- **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)*

88374x4 automated. 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.



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