



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



Low-Grade/Small B-Cell Lymphoma FISH Panel

Alternative Name

Small B-Cell Lymphoma

Methodology

FISH

Test Description

Probes: BCL6 (3q27) | CCND1/IgH t(11;14) IgH/BCL2 t(14;18) | MALT1 (18q21)

Probes may be ordered separately.

Disease(s): NHL, B-Cell Lymphoma, MCL, follicular lymphoma, MZL, MALT lymphoma

Clinical Significance

This targeted panel is appropriate when clinical and morphologic evaluation is most suggestive of a low-grade/small B-cell lymphoma, and high-grade lymphomas (such as large cell anaplastic and Burkitt lymphoma) are not a diagnostic consideration. BCL6 evaluation (included in this panel) can provide further prognostic information in cases of follicular lymphoma since it can indicate a higher risk for transformation to aggressive lymphoma. Low-grade/small B-cell lymphomas include follicular lymphoma, mantle cell lymphoma (MCL), and marginal zone lymphoma (MZL)/MALT lymphomas. Chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) is also within this category, but typically has a peripheral blood lymphocytosis and is better evaluated by the [CLL FISH Panel](#) or [NeoTYPE™ CLL Profile](#).

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 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:** H&E slide (required) plus paraffin block. Circle H&E for tech-only.
- **Cut Slide:** H&E slide (required) plus 8 unstained slides cut at 4 microns for panel. 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)*

88374x4 automated. Codes may differ if manual analysis is performed.

New York Approved

Yes

Level of Service

Technical, Global

Turnaround Time

3-5 days for both unfixed and FFPE specimens

*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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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.

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9490 NeoGenomics Way
Fort Myers, FL 33912
Phone: 239.768.0600/ Fax: 239.690.4237
neogenomics.com
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Rev. 112424