



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



11q Aberration in NHL

Alternative Name

11q Gain / Loss

Methodology

FISH

Test Description

Probes: CEN 11 (11p11.1-q11) | MLL (11q23) | 11qTel (11q25)

Disease(s): B-cell non-Hodgkin lymphoma

Clinical Significance

This FISH panel detects proximal gains and distal losses of chromosome 11q which are recurrent abnormalities in MYC-negative high grade B-cell lymphomas resembling Burkitt lymphoma. "Burkitt-like lymphoma with 11q aberration" was recognized by the WHO in 2017 as a new provisional entity. This pattern of 11q abnormalities is also observed in MYC-positive Burkitt lymphomas and MYC-positive high-grade B-cell lymphomas, not otherwise specified.

Specimen Requirements

- **Bone Marrow Aspirate:** N/A
- **Peripheral Blood:** N/A
- **Fresh, Unfixed Tissue:** N/A
- **Fluids:** N/A
- **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.

Storage & Transportation

Refrigerate specimen. Do not freeze. Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

CPT Code(s)*

88374x1 automated or 88377x1 manual

New York Approved

Yes

Level of Service

Global, Technical

Turnaround Time

3-5 days

References

1. Swerdlow SH, et al. WHO classification of tumors of hematopoietic and lymphoid tissues (Revised 4th edition). IARC Press, Lyon 2017
2. Salaverria I, et al. A recurrent 11q aberration pattern characterizes a subset of MYC-negative high-grade B-cell lymphomas resembling Burkitt lymphoma. *Blood*. 2014;123:1187-1198.
3. Ferreiro JF et al. Post-transplant molecularly defined Burkitt lymphomas are frequently MYC-negative and characterized by the 11q-gain/loss pattern. *Haematologica*. 2015;100:e275-e279.
4. Grygalewicz B, et al. The 11q-gain/loss aberration occurs recurrently in MYC-negative Burkitt-like lymphoma with 11q aberration, as well as MYC-positive Burkitt lymphoma and MYC-positive high-grade B-cell lymphoma, NOS. *Am J Clin Pathol*. 2018;149:17-28.

*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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