



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



B-Cell Gene Rearrangement

Alternative Name

B-Cell Translocations

Methodology

Molecular

Test Description

Detection of clonal IgH gene rearrangements by PCR of IgH framework regions 1, 2, 3 and joining regions. In addition, Ig Kappa gene rearrangement analysis is performed using specific oligonucleotides recognizing the Vk, intragenic and Jk regions. Testing is approved for specimens from the state of New York.

Clinical Significance

Detects monoclonal B-cell immunoglobulin gene rearrangement. Interpret in clinical context for diagnosis of leukemia, lymphoma, and plasma cell dyscrasia.

Specimen Requirements

- **Peripheral blood:** 5 mL in EDTA tube.
- **Bone marrow:** 2 mL in EDTA tube.
- **FFPE tissue:** Paraffin block is preferred. Alternatively, send 1 H&E slide plus 5-10 unstained slides cut at 5 or more microns. Please use positively-charged slides and 10% NBF fixative. Do not use zinc fixatives.
- **Fresh tissue:** Two pieces minimum, 0.2 cm³ in RPMI.
- **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.

Note: Test is DNA-based. Please select Extract & Hold - DNA if specimen hold service is desired.

Storage & Transportation

Refrigerate fresh tissue until shipping. For all specimens, use cold pack for transport. Make sure cold pack is not in direct contact with specimen.

CPT Code(s)*

81261, 81264

Medicare MoIDX CPT Code(s)*

81479

New York Approved

Yes

Level of Service

Global

Turnaround Time

7 days

*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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