



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



Mast Cell Add-On Flow Panel

Methodology

Flow Cytometry

Test Description

Available as global and tech-only. This add-on panel is available to clarify findings on samples currently having flow cytometry analysis at NeoGenomics and stand-alone testing is only available for tech-only. Markers are CD2, CD25, CD34, CD45, and CD117 (5 markers).

Clinical Significance

Used to determine if mast cells are aberrantly expressing CD2 and CD25, which can indicate malignancy.

Specimen Requirements

Flow cytometry testing can be performed on bone marrow aspirate, peripheral blood, fresh bone marrow core biopsy, unfixed tissue, and body fluids. Please see full specimen requirements for either Standard Leukemia/Lymphoma Analysis or Extended Leukemia/Lymphoma Analysis as this add-on panel is available in combination with either of those full panels.

Storage & Transportation

Specimens should be received at NeoGenomics within 72 hours from collection to assure sample integrity and acceptable cell viability. Note: New York State samples must be received within 48 hours from collection per NYS requirements. Refrigerate specimen. Do not freeze. Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

CPT Code(s)*

Please contact NeoGenomics' Billing Department.

New York Approved

Yes

Level of Service

Technical, Global

Turnaround Time

24 hours

*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.

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.

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