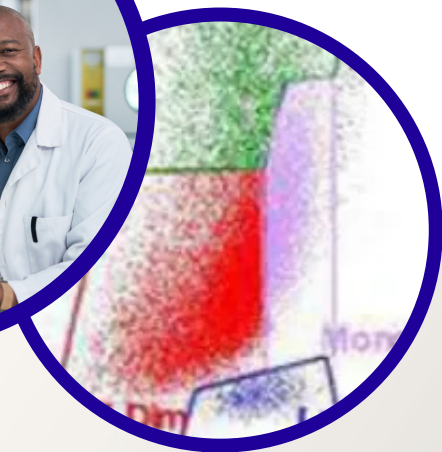
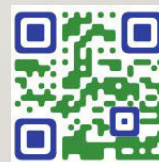




Advanced Flow Cytometry Services

Advanced immunophenotypic analysis for the diagnosis, classification, and monitoring of hematologic malignancies.

13-Color Flow Cytometry | Rapid Reporting | Expert Hematopathology Support



Comprehensive Flow Cytometry Services

EmeritusDX provides advanced flow cytometry testing to support the diagnosis, classification, and monitoring of a broad spectrum of hematologic malignancies and disorders.

Leukemia & Myeloid Disorders

- Acute Myeloid Leukemia (AML)
- Acute Lymphoblastic Leukemia (ALL)
- Chronic Myeloid Leukemia (CML)
- Myelodysplastic Syndromes (MDS)
- Myeloproliferative Neoplasms (MPN)

B-Cell Disorders

- Chronic Lymphocytic Leukemia (CLL)
- Hairy Cell Leukemia
- B-Cell Non-Hodgkin Lymphomas
- Follicular Lymphoma
- Mantle Cell Lymphoma
- Diffuse Large B-Cell Lymphoma

T/NK-Cell Disorders

- T-Cell Lymphoma
- Large Granular Lymphocytic Leukemia (LGL)
- T-Cell Clonality Assessment

Plasma Cell Disorders

- Multiple Myeloma
- Monoclonal Gammopathy Evaluation
- Other Plasma Cell Neoplasms

Multiple Specimen Types

Peripheral Blood • Bone Marrow Aspirates • Lymph Node Tissue • FNA Specimens • Cerebrospinal Fluid • Other Body Fluids

Technical Component Services

Technical Component Flow Cytometry services are available for laboratories and pathology practices that want to maintain professional interpretation in-house while leveraging EmeritusDX for high-quality specimen processing and data acquisition.

Advanced Flow Cytometry Technology

13-Color, 15-Parameter Flow Cytometry

EmeritusDX utilizes advanced 13-color, 15-parameter flow cytometry to provide comprehensive immunophenotypic characterization of hematologic malignancies. By evaluating multiple markers simultaneously within a single tube, abnormal marker expression can be correlated to the same cellular population, providing greater diagnostic information while reducing the number of tubes required.

More Answers from a Single Tube

A single acquisition can help evaluate:

- Lineage: CD19 and CD20
- Clonality: Kappa or lambda light-chain restriction
- Cell maturity: CD34, CD10, CD38, CD45, and surface light chains
- Coexpression of abnormal markers: CD5, CD10, CD23, CD11c, and CD200

This multiparameter approach provides a more complete picture of the abnormal cellular population than evaluating individual markers across separate tubes.

Earlier Disease Classification

Comprehensive immunophenotyping can often provide a strong preliminary disease classification after a single run, helping guide targeted downstream testing.

13 Colors. 15 Parameters. One Powerful Assay.

More information from fewer tubes to support faster, more comprehensive disease characterization.

The EmeritusDX Difference

Advanced 13-Color Flow Cytometry

Expanded multiparameter analysis for comprehensive characterization of hematologic malignancies.

Rapid Turnaround Times

Approximately 90% of cases are reported the same day they are received.

Direct Pathologist Access

Direct access to board-certified hematopathologists for diagnostic consultation and case discussions.

Expertly Curated Flow Panel

Developed by board-certified hematopathologists and experienced flow cytometry scientists with more than 60 years of combined expertise.

Extensive Marker List

Kappa, Lambda, CD2, CD3, CD4, CD5, CD7, CD8, CD10, CD11b, CD13, CD14, CD15, CD16, CD19, CD20, CD33, CD34, CD38, CD45, CD56, CD64, CD117, CD123, CD200, HLA-DR, TCR $\gamma\delta$, and 7-AAD

Flexible Partnership Options

Full-service testing and Technical Component Flow Cytometry services.

Quality You Can Trust

CAP-accredited and CLIA-certified laboratory with rigorous quality control and continuous performance monitoring.