

## TECH-ONLY FLOW CYTOMETRY

*Enabling client pathologists to fulfill professional components of lab tests*

Pathologists fulfilling professional components of lab tests need a trusted partner to process and return results in a timely manner. CSI meets the needs to pathologists nationwide by utilizing high-quality laboratory equipment, standardized results and meeting client turnaround requirements.

Utilizing a 10-color platform to provide advanced flow cytometry testing services, our detailed flow cytometry service allows for better utilization of smaller specimens by providing more data per tube, and enabling pathologists to manage downstream testing better.

Data results are compiled in an easy-to-navigate workbook that can be viewed in e.CSI, our online portal. Additional benefits include:

- **Improved operational efficiencies** – We provide a standardized analysis, providing consistency across all of our reports, and tools to assist you in quantifying abnormal populations.
- **Ability to order comprehensive flow testing** – All pertinent reflex flow testing is available to accurately assess hematopoietic diseases.
- **Precise characterization of cell population** – Our standardized workbooks and analysts' presentations of data allow for easy, complete characterization of all populations of interest.
- **Enhanced communication** – Online messaging in e.CSI allows you to communicate directly with the flow cytometry team or CSI hematopathologists (should you need to reflex the case to global).



### DATA DISPLAY

A precise presentation of flow data includes highlight-gating, especially for minor clonal populations.



### AML MUTATIONAL TESTING

DNA is isolated and preserved while awaiting cytogenetics results.



### UNIQUE SAMPLE TRIAGE

Specimen management department tracks sample to ensure cellularity for downstream testing.



### PLASMA CELL NEOPLASMS

At CSI, our standard practice is to perform CD138 enrichment on plasma cells for myeloma FISH.



### SELF-REGATING

Regate populations in real time using FCS Express.

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*CSI offers clients **technical-only flow cytometry** training through various methods: on-site at your laboratory, at CSI Laboratories or eTraining via the web.*

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*CSI notifies clients upon discovery of a de novo acute leukemia in order to expedite medically necessary testing (e.g., APL).*

## BONE MARROW / PERIPHERAL BLOOD

1	Lambda	CD10	CD5	CD38	CD19	Kappa	CD23	Near-IR	CD20	CD45
2	CD7	CD3	CD4	CD56	CD2	CD5	CD8	Near-IR	CD57	CD45
3	CD11c	CD22	CD34	CD33	CD19	CD117	CD10	Near-IR	HLA-DR	CD45
4	CD71	CD13	CD64	CD14	CD11b	CD123	CD16	Near-IR	CD56	CD45

## TISSUES AND FLUIDS

1	Lambda	CD10	CD5	CD38	CD19	Kappa	CD71	Near-IR	CD20	CD45
2	CD7	CD30	CD4	CD56	CD2	CD5	CD8	Near-IR	CD3	CD45
3	CD23	CD22	CD34	CD13 / CD33	CD11c	CD5	CD19	Near-IR	CD25	CD45

## REFLEX COMBINATIONS

MM	cy-Lambda	CD138	CD38	CD56	CD117	cy-Kappa	CD19	Near-IR	CD20	CD45
HCL	CD103	CD11c			CD25	CD123	CD19	Near-IR	CD20	CD45
FCL	cy-BCL2	cy-Lambda	CD19		CD10	cy-Kappa		Near-IR	CD20	CD45
T-ALL	cy-TdT	CD1a	CD34	CD5	CD10	cy-CD3		Near-IR		CD45
B-ALL	cy-TdT	cy-CD79a	CD34		CD10		CD19	Near-IR		CD45
MO	cy-MPO	cy-CD79a	CD34		CD117	cy-CD3		Near-IR		CD45
M6/M7	CD235a	CD41a	CD34		CD61	CD71		Near-IR	HLA-DR	CD45
BM5	CD7	CD123	CD34	CD13	CD33	CD117	CD19	Near-IR	HLA-DR	CD45
PNH/WBC	FLAER (A488)	CD24	CD14		CD33	CD15		Near-IR		CD45
PNH/RBC	CD235a	CD59								CD45
ZAP70		cy-ZAP-70				CD5	CD19	Near-IR	CD20	CD45
BAL 4/8			CD4				CD8	Near-IR	CD3	CD45
MAST		CD2				CD117		Near-IR	CD25	CD45
T+B Combo	Lambda	CD19	CD4	CD5	CD2	Kappa	CD8	Near-IR	CD3	CD45
Surface B-ALL	Lambda	CD22	CD38	CD10	CD19	Kappa	CD34	Near-IR	CD3	CD45



For more information, please contact your local account manager.

Client Service: 1-800-459-1185 | [www.csilaboratories.com](http://www.csilaboratories.com)

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