



Global Flow Cytometry Services

Leading the way in the clinical trials space for flow cytometry

Our technologies and solutions meet the growing global demand for enhanced discovery capabilities and the subsequent complex and comprehensive data sets required for drug development.

Global flow cytometry assay development, validation and deployment

Dedicated assay development laboratories with experienced flow cytometry scientists:

- Collaborative engagement with sponsors during validation
- Expert panel and assay design
- Feasibility assessment
- 8-12 week assay validation period during which data is shared to refine the assay
- QC precision, sample precision, and stability
- Fit for purpose validation

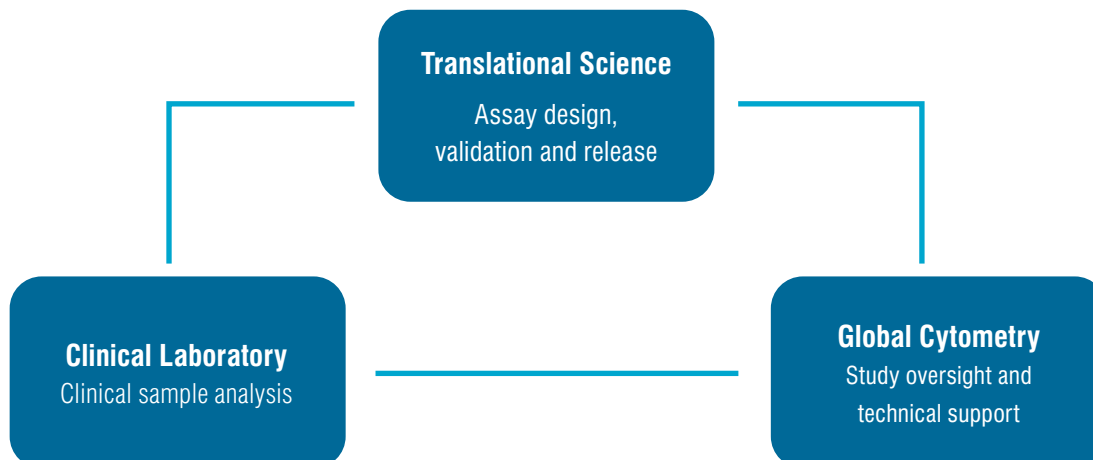
State-of-the-art instruments and quantitative instrument standardization:

- 8, 10, and 40 color instruments deployed globally
- Seven global laboratories in US, UK, China, Japan, Singapore, and India, plus a partner facility in South Africa

Dedicated Analysts and Senior Analysts assigned per assay

- Provides for better data consistency and resolution without subjective bias from multiple analysts

Integrated flow cytometry team



We analyze several hundred thousand flow cytometry samples globally each year.

Sample of assays in our catalog:

Bispecific (Multispecific) Antibody Assays	Stem/Progenitor Cell Assays <ul style="list-style-type: none"> CD10, CD34, CD38, CD90, CD45, CD45RA, CD123, CD135, CD352
Dendritic Cell Assays (pDC1, pDC2, cDC1, cDC2, MDDC) <ul style="list-style-type: none"> CD1c, CD11c, CD45, CD80, CD83, CD86, CD123, CD141, CD273, CD209, CD303, CD304, HLA-DR, Lineage Dump 	CAR T NK Cell Assays
Erythroid Precursors <ul style="list-style-type: none"> CD13, CD33, CD34, CD36, CD41, CD45, CD71, CD105, CD117, CD235a, HLA-DR 	Cytotoxic T/NK Cells Assay <ul style="list-style-type: none"> CD3, CD4, CD7, CD8, CD16, CD45, CD56, CD57, CD107a, Perforin, Granzyme A/B
Leukemic Stem Cells <ul style="list-style-type: none"> CD7, CD11b, CD19, CD22, CD33, CD36, CD38, CD44, CD45, CD45RA, CD56, CD90, CD123, CD366, CD371 	TBNK Monocyte <ul style="list-style-type: none"> CD3, CD4, CD7, CD8, CD14, CD16, CD19, CD20, CD56, HLA-DR
Leukocyte Profile TBNK/Mono/Mac/DC/Gran/Baso/Eos <ul style="list-style-type: none"> CD1c, CD3, CD4, CD7, CD8, CD14, CD15, CD16, CD19, CD20, CD45, CD123, CD141, CD163, CD193, CD303, CD304, HLA-DR 	T Helper Th1, Th2, Th9, Th17, Th22 <ul style="list-style-type: none"> CCR10, CD161, CD183, CD194, CD196, CD197, CD294, CD366, TCRa/b
Minimal Residual Disease Assays/L&L Backbone Panels <ul style="list-style-type: none"> AML, ATL, B-ALL, CLL/SLL, CTCL, DLBCL, FL, MCL, MM, MZL, PTCL 	T Follicular/Peripheral Helper <ul style="list-style-type: none"> TCRa/b, CD185, CD278, CD279
Monocyte Subset Assays <ul style="list-style-type: none"> CD14, CD16, CD45, CD64, CD163, CD172a, HLA-DR, Lineage 	T Naïve, Memory, Effector, Effector Memory <ul style="list-style-type: none"> CD27, CD28, CD62L, CD45RA, CD45RO, CD197
Myeloid Derived Suppressor Cell Assays <ul style="list-style-type: none"> CD11b, CD14, CD15, CD16, CD33, CD45, CD66b, HLA- DR, Lineage Dump, Siglec-8 	T Cell Activation/Proliferation <ul style="list-style-type: none"> CD25, CD38, CD69, CD71, CD134, CD137, CD226, CD278, HLA-DR, Ki-67
NK & Innate Lymphoid Cell Assays <ul style="list-style-type: none"> CD3, CD4, CD7, CD8, CD14, CD16, CD19, CD56, CD57, CD117, CD127, CD137, CD158, CD159a/c, CD161, CD196, CD279 CD294, CD314, CD319, CD335, CD336, CD337, IL-23R, KLRG1, RORgt, ST2/IL-33R, Tbet, TCRVa24-Ja18, TIGIT 	T Cell Exhaustion <ul style="list-style-type: none"> CD152, CD160, CD233, CD244, CD272, CD279, CD366, TIGIT
Phosphorylated Protein Assays	T Regulatory Cell Assays <ul style="list-style-type: none"> CD25, CD39, CD127, CD45RA, CD152, CD194, FOXP3, Helios
Receptor Occupancy Assays	Tumor Microenvironment/Tumor/Tumor Infiltrating T Cells (FNA)

Contact us

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To learn more about our flow cytometry services, please visit www.Q2labsolutions.com/central-laboratories/flow-cytometry-services

