

## Interpace Pharma Solutions is a leader in enabling precision medicine for immuno-oncology and genomic medicine through diagnostics, molecular markers, and data solutions.

Interpace Pharma Solutions (IPS) provides laboratory services supporting clinical trials and advanced diagnostic development across immuno-oncology, hematology, and solid tumors. Our scientific, medical, and regulatory experts help our biopharma and diagnostic clients accelerate their clinical development programs. Through our extensive technology portfolio and agile approach, we provide a broad suite of applications in support of our industry partners.

### Flow Cytometry (FC) Services

IPS provides unique FC services implemented with comprehensive and customizable solutions. Our staff is highly experienced in custom assay development and validation utilizing its broad scientific and technical expertise and our comprehensive FC platforms. We also offer a broad menu of clinically validated and CLIA- and NYS-approved panels covering multiple disease states. Our FC program includes high-sensitivity minimal residual disease (MRD) monitoring. Some of our MRD panels have established sensitivity at 0.01% and have CLIA and NYS approval. Our industry-leading immuno-oncology panel, Complete::IO™, is the most comprehensive FC-based biomarker panel in the industry, with a 24-hour turnaround time.

This is a representative listing of available test offerings.  
Interpace Pharma Solutions builds custom solutions to meet client specifications.

## Flow Cytometry Panels

Complete::IO™	Lymphoid Panel	Myeloid Panel	ZAP-70 Panel [Reflex]
CCR4 (CD194)	CD2	CD11b	CD3
CCR6 (CD196)	CD3	CD13	CD5
CCR7 (CD197)	CD4	CD14	CD19
CD1d	CD5	CD15	CD45
CD3	CD7	CD16	cZAP-70
CD4	CD8	CD22	
CD5	CD10	CD33	
CD8	CD11c	CD34	
CD14	CD19	CD64	
CD16	CD20	CD71	
CD19	CD23	CD117	
CD20	CD38	HLA-DR	
CD24	CD45		
CD25	CD56	<b>Acute Leukemia Panel [Reflex]</b>	
CD38	CD57	cCD3	
CD45	sKappa	cCD22	
CD45RA	sLambda	cCD79a	
CD45RO		CD1a	
CD123		CD45	
CD127		cMPO	
CXCR3 (CD183)		cTdT	
FOXP3			
HLA-DR			
IgM			

## Flow Cytometry Panels (continued)

---

### MRD-CLL Panel

CD3  
 CD5  
 CD19  
 CD20  
 CD22  
 CD38  
 CD43  
 CD45  
 CD79b  
 CD81  
 sKappa  
 sLambda

### Multiple Myeloma Panel

CD3  
 CD4  
 CD5  
 CD7  
 CD8  
 CD10  
 CD19  
 CD20  
 CD28  
 CD34  
 CD38  
 CD45

CD56  
 CD117  
 CD138  
 clgA  
 clgG  
 clgM  
 cKappa  
 cLambda  
 sKappa  
 sLambda

## Flow Markers

---

CD1a  
 CD1d  
 CD2  
 CD3  
 CD4  
 CD5  
 CD7  
 CD8  
 CD10  
 CD11b  
 CD11c  
 CD13  
 CD14  
 CD15  
 CD16  
 CD20  
 CD22  
 CD23  
 CD24  
 CD25  
 CD27

CD28  
 CD30  
 CD33  
 CD34  
 CD37  
 CD38  
 CD43  
 CD45  
 CD45RA  
 CD45RO  
 CD49d  
 CD56  
 CD57  
 CD64  
 CD71  
 CD79a  
 CD79b  
 CD81  
 CD117  
 CD123  
 CD127

CD138  
 CD183 CXCR3  
 CD194 CCR4  
 CD196 CCR6  
 CD273 PD-L2  
 CD274 PD-L1  
 CD279 PD1  
 FoxP3  
 HLA-DR  
 IgA  
 IgD  
 IgG  
 IgM  
 Kappa  
 Lambda  
 MPO  
 TdT  
 Zap70