

	<b>BIOMARKERS</b>	<b>CELL-BASED IMMUNE ASSAYS</b>	<b>ALLERGY TESTING</b>	<b>VACCINE INDUCED IMMUNE RESPONSE</b>	<b>IMMUNOGENICITY</b>	<b>CONSULTATION AND ADDITIONAL SERVICES</b>
<b>CAPABILITIES</b>	Cytokines	NK function	IgA, IgD, IgE, IgG, IgM	T-cell assays	Anti-drug antibodies (ADA)	Assay development
	Chemokines	Neutrophil function		<ul style="list-style-type: none"> <li>• Tetramers</li> <li>• Intracellular cytokines</li> <li>• Proliferation</li> </ul>	Neutralizing antibodies	Assay validation
	Complement proteins	ADCC	Immune mediators		Confirmatory assays	Assay transfer
	Tumor markers	Immunophenotyping	<ul style="list-style-type: none"> <li>• Leukotriene levels</li> <li>• Histamine levels</li> <li>• Elastase levels</li> <li>• Tryptase levels</li> </ul>		B-cell assays	Antibody characterization assays (including avidity)
	Metabolic markers	<ul style="list-style-type: none"> <li>• Tissue culture</li> <li>• Ex-vivo testing</li> </ul>		APC Function		
	Growth factors	Basophil function		PBMC isolation		
	TLRs	Proliferation		Epitope discovery/verification		
	Cytotoxicity					

<b>PLATFORMS</b>	Rate nephelometry	Flow cytometry	ImmunoCAP	Luminometry (ImmuKNOW)	ELISA (auto & manual)	Independent QA
	Micro bead array (Luminex)	ELISA (auto & manual)	RAST	ELISpot	Electro-chemilluminescence microarray (MSD)	CLIA certified
	ELISA (auto & manual)		ELISA (auto & manual)	Flow Cytometry		CAP proficiency
	Automated Immunoanalyzer		Radioimmunoassay		Multiple State licensures including New York	
	High throughput DNA sequencing		Automated Immunoanalyzer			
	RT PCR					
	qPCR					
	Electro-chemilluminescence microarray (MSD)					

<b>CYTOKINES</b>	<b>T-CELLS B-CELLS</b>	<b>IgE</b>	<b>ELISpot</b>	<b>NEUTRALIZING ANTIBODIES</b>	<b>VALIDATION</b>
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