



**ImmunoSite Technologies, LLC**

# The Experts in Immune Monitoring

## Who We Are

- ImmunoSite Technologies, LLC is an independent company formed from the World Leader in Cellular Analysis and the Founder of Particle Characterization, Wallace H. Coulter
- Over 180 years research experience with over 300 peer-reviewed scientific publications
- Over 30 U.S. and International Patents
- Over 110 years of rigorous product development and manufacturing experience with over 200 diagnostic product reagents, kits, and instrument systems
- A Dedicated Management Team with 15+ years together as a team working with World Opinion Leaders in Immunology, Oncology, Diagnostics, and Therapeutics

## What We Do For You

- Serve the Preclinical and Clinical Trial Markets with Products and Services
- Turn-Key and Customized Solutions
- Fully GLP/GMP Operations
- Quality Assurance Unit
- Proven Assays Designed to Perform within Tight Specifications
- Automated Processes that Generate High Precision Results
- The Highest Quality Data at Reasonable Costs
- Fully Automated Phenotypic and Functional Assays of Cell Mediated Immunity with quick turn-around times
- Treg Functional Assays in our State of the Art Cell Sorting Facility Providing Single Cell Sorts of Specialized Cell Populations
- State of the Art Particle Characterization Facility with Dedicated Staff Providing the Latest in Custom Assay Development and Testing
- Our Management Team and Staff of Dedicated Scientists and Engineers will Provide you with Unparalleled Service of the Highest Integrity

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# Products & Services

## Immune Monitoring

### Expertise

Cell Mediated Immunity / Functional Assays  
Polyspectral Flow Cytometry  
High Speed Cell Sorting  
Antigen Specific Response  
Assay Qualification, Standardization and Automation  
Cell signaling  
Custom Assay Design  
Multiplexed Immunoassays  
Gene Expression  
Testing Services

### Key Apps

Vaccine Monitoring  
Autoimmune Diseases (diabetes, RA, MS, allergy, asthma) and Transplantation  
Infectious Diseases (HIV, Flu)  
Oncology

### Automated Processes

Hypaque-Ficoll (PBMC Isolation)  
Intracellular Cytokine Staining  
Surface Phenotyping  
CTL (e.g. perforin, CD107, Granzyme B)  
Neutralization Assays



### Cell Assays

Phenotyping Panels (5-15 color; T, B, NK, NKT, DC, Monos, Grans)  
Intracellular Staining (IFN $\gamma$ , TNF $\alpha$ , IL2, IL4, IL10, IL17)  
Elispot (1-2 color; T and B cell)  
Tetramers (Class I and Class II)  
Treg Assays via Cell Sorting (FOXP3)  
MLR  
CTL (e.g. perforin, CD107, Granzyme B)  
Neutralization Assays

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