

Sample Applications at Cytometry Research, LLC

Antibody Evaluation

- ◆ Stability
- ◆ Quality Control

Antibody Kit Development

- ◆ Research Applications
- ◆ Clinical Applications

Immunophenotyping

- ◆ Immunotoxicology Applications
- ◆ Drug Response
- ◆ Cell Viability Estimation
- ◆ Custom CD Panels

Bio-Assay Development

- ◆ Experimental Design
- ◆ Validation
- ◆ Implementation
- ◆ SOP's for FDA Requirements

Cell Sorting

- ◆ Sterile/Non-sterile
- ◆ Multi-parameter
- ◆ 3-Color capability

DNA Cell Cycle Analysis

- ◆ Ploidy
- ◆ Activation/Inhibition
- ◆ Proliferation Assay
- ◆ Apoptosis

Intracellular Antigen Detection

- ◆ Cytokine Expression
- ◆ Apoptosis
- ◆ Enzyme Reporter Assays

Methods for Functional Assessment

- ◆ Oxidative Cell Measurement
- ◆ Phagocytosis Assays
- ◆ DNA Strand Breaks
- ◆ *In Vitro* Toxicology Assays

ELISA Assays

- ◆ Viability
- ◆ Cell Renewal
- ◆ Cytotoxicity

Cell Culture

- ◆ Cell maintenance
- ◆ Cell labeling

In order to better serve you, Cytometry Research implemented the following processes:

- ◆ Standard Operating Procedures for equipment and processes to ensure consistently reliable results.
- ◆ Quality Assurance Program provides independent confirmation of procedures and results.
- ◆ Full documentation of samples, data, and testing results provided with each analysis.

Schedule an appointment online: www.CytometryRes.com