Docket #: S05-206

Fluorescent Cell Barcoding (FCB) in Flow Cytometry to Enable High-Throughput Drug Screening and Large-Scale Signaling Profiling

Applications

- High-throughput screening in drug development
- Large-scale signaling profiling

Advantages

- Increased throughput, compared to current methods in flow cytometry, with an acquisition time of 5-15 minutes per 96-well plate
- Decreased cost in sample labeling with 100-fold reduced antibody consumption

Publications

- Krutzik PO and Nolan GP, "Fluorescent cell barcoding in flow cytometry allows high-throughput drug screening and signaling profiling." *Nature Methods* 3, 361 - 368 (2006)

Patents

- Published Application: 20080241820
- Published Application: 20110263457
- Issued: 8,003,312 (USA)

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