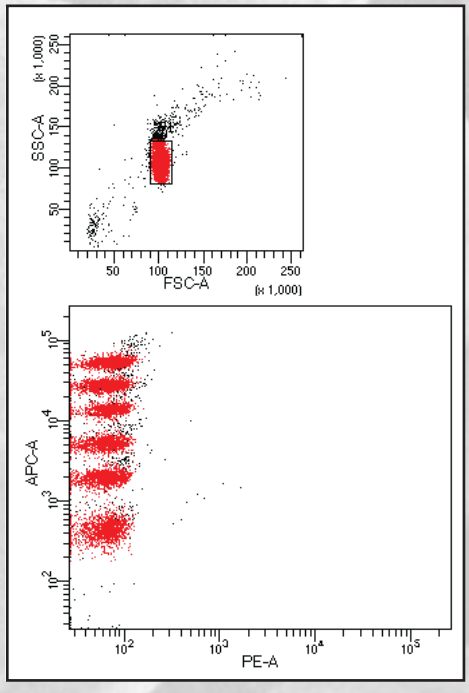
SPHERO™ Magnetic Flow Cytometry Multiplex Microspheres

A magnetic bead-based flow cytometric platform dedicated to multiplex analysis

Carboxylated Paramagnetic Fluorescent Microspheres
available in 4 and 5 µm with 6 intensities in the APC channel per diameter

- SPHERO™ Magnetic Microspheres with superior stability for coupling to nucleic acids, proteins, and antibodies
- Provides an uniform, monodispersed surface to simplify multiplex assay development using magnetic separation for sample clean-up
- Exhibit minimal emission in the FITC and PE channels
- Used to develop various assays including cytokines & growth factors and disease state panels such as cancer, acute phase immune response, & diabetes markers.



To learn more about Spherotech Magnetic Flow Cytometry Multiplex Microspheres visit us online

www.spherotech.com

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Lake Forest, IL 60045-5100
(847) 680-8922 fax (847) 680-8927

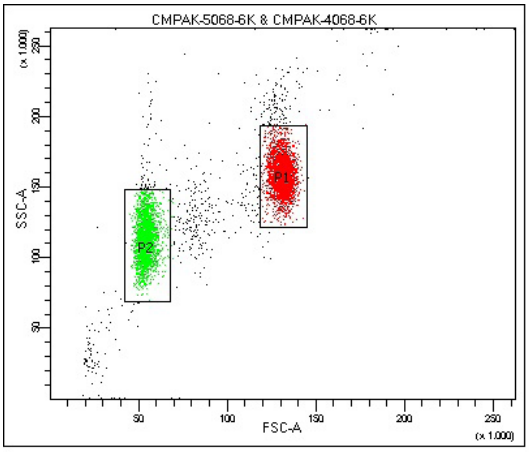
Spherotech

Spherotech
Let the Possibilities Flow

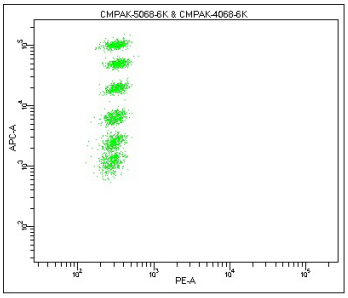
SPHERO™ Magnetic Blue Particle Array Kit

- Use in bead based flow cytometric platform multiplex analysis development
- Consists of six bead populations internally dyed with varying intensities of Spherotech Blue Dye
- Fluorescent in the PE-Cy5 or APC channels of the flow cytometer; all 6 populations resolved
- Minimal fluorescence in the FITC and PE channels of the flow cytometer
- Provides a carboxyl (COOH) surface, permitting the easy conjugation of analytes or analyte-specific antibodies

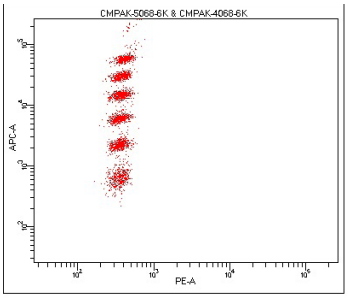
Particle Type and Surface	Size, µm	Conc.	Catalog No.	Unit
Carboxyl Magnetic Blue Particle Array Kit, 6 peaks	4.0 - 4.9	$1x10^7$	CMPAK-4068-6K	6 x 1 mL
Carboxyl Magnetic Blue Particle Array Kit, 6 peaks	4.9 - 5.9	$1x10^7$	CMPAK-5068-6K	6 x 1 mL



Cat. No. CMPAK-4068-6K & CMPAK-5068-6K
FSC vs SSC Dot Plot from a BD Bioscience Fortessa X-20

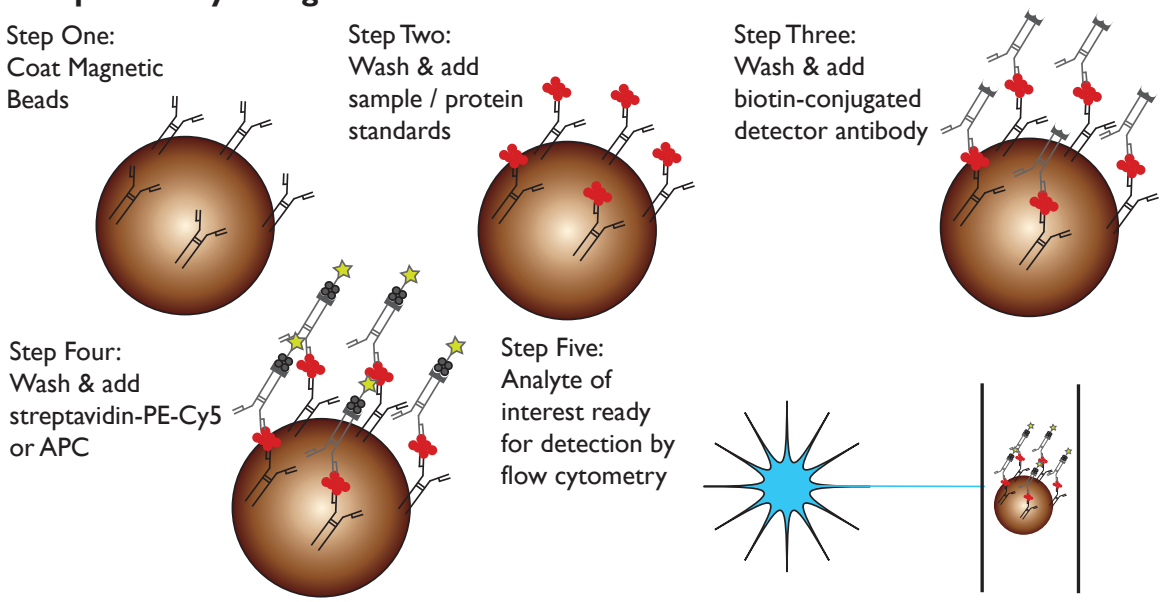


Cat. No. CMPAK-4068-6K
PE vs APC Dot Plot



Cat. No. CMPAK-5068-6K
PE vs APC Dot Plot

Multiplex Assay Design



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Visit us on the web at *http://www.spherotech.com*