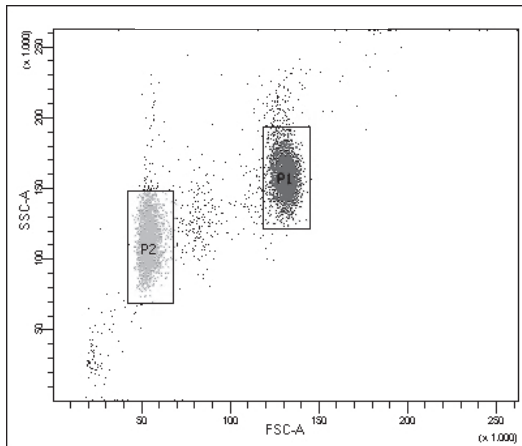


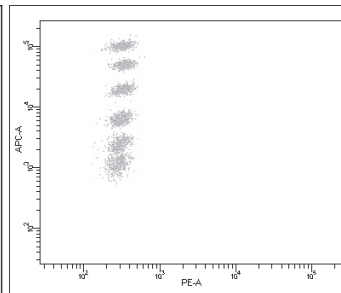
SPHERO™ Magnetic Blue Particle Array Kit

- Used in bead based flow cytometric platform multiplex analysis development
- Consists of six bead populations internally dyed with varying intensities of SPHERO™ 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

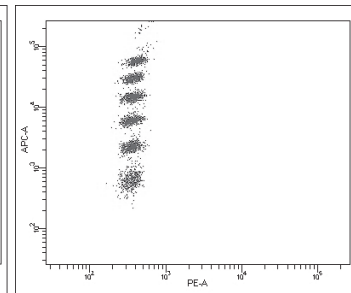
Particle Type and Surface	Size, µm	Conc.	Catalog No.	Unit
Carboxyl Magnetic Blue Particle Array Kit, 6 peaks	4.0 - 4.9	1x10 ⁷	CMPAK-4068-6K	6 x 1 mL
Carboxyl Magnetic Blue Particle Array Kit, 6 peaks	4.9 - 5.9	1x10 ⁷	CMPAK-5068-6K	6 x 1 mL



CMPAK-4068-6K & CMPAK-5068-6K FSC vs SSC
Dot Plot from a BD Bioscience Fortessa X-20



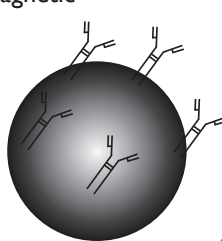
CMPAK-4068-6K
PE vs APC Dot Plot



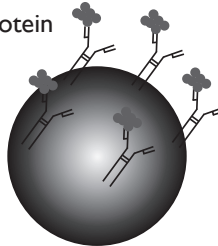
CMPAK-5068-6K
PE vs APC Dot Plot

Multiplex Assay Design

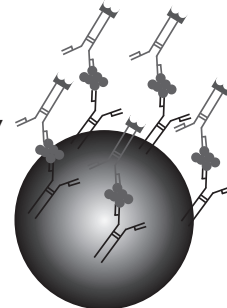
Step One:
Coat Magnetic
Beads



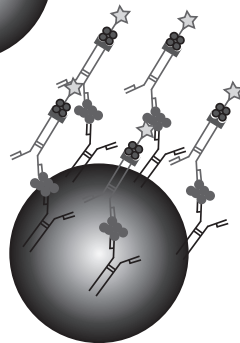
Step Two:
Wash & add
sample / protein
standards



Step Three:
Wash & add
biotin-conjugated
detector antibody



Step Four:
Wash & add
streptavidin-PE-Cy5
or APC



Step Five:
Analyte of
interest ready
for detection by
flow cytometry

