

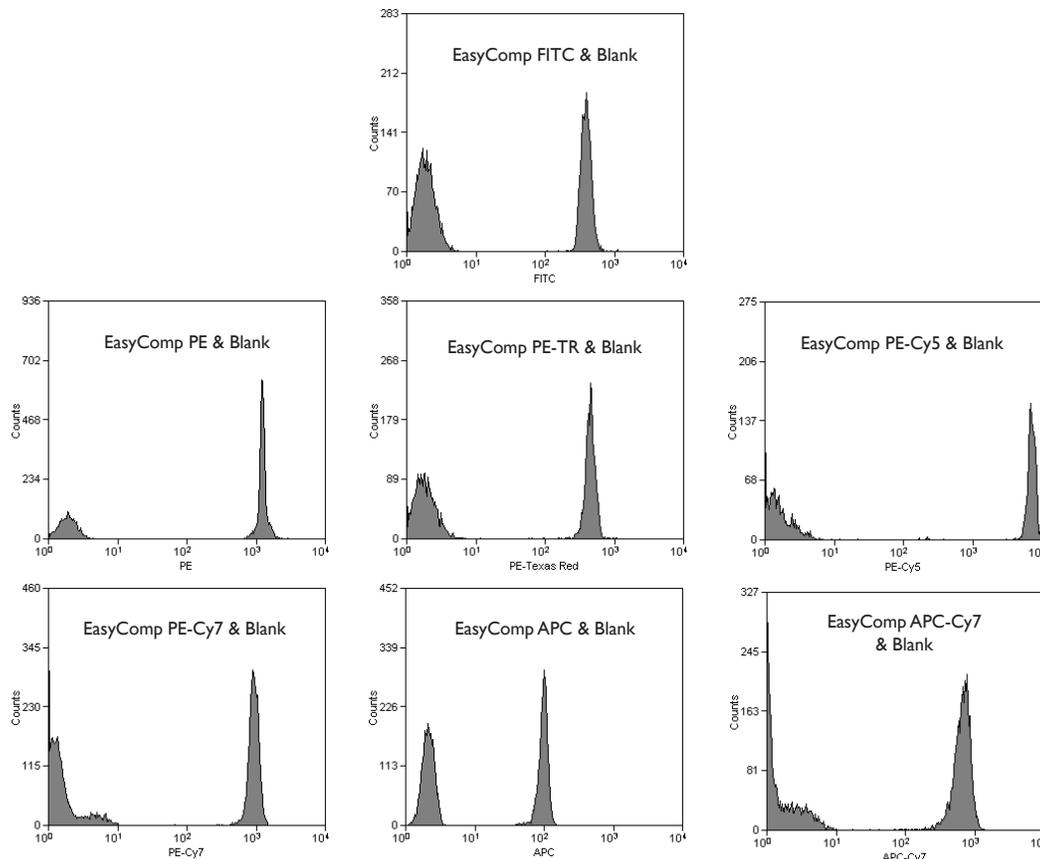
SPHERO™ EasyComp Fluorescent Particles

- Prepared by labeling the surface of polystyrene particles with commonly used fluorophores
- Provide spectral matching particles for setting compensation in a wide variety of channels for any flow cytometer
- Supplied as individual products or as kits for different flow cytometer models.

The EasyComp Fluorescent Particles are prepared by surface labeling polystyrene particles with commonly used fluorophores. These particles are used for setting compensation in a wide variety of channels for any flow cytometer. The EasyComp Fluorescent Particles are supplied as individual products or as kits for use in different models of flow cytometers. For more information on Spherotech beads for flow cytometry compensation go to www.Spherotech.com/pdetail.htm and select [Flow Cytometry Compensation Particles](#).

| Particle Type and Surface | Size, μm | Catalog No. | Unit |
|--|---------------------|-------------|-----------------|
| EasyComp Blank, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-B | 5 mL |
| EasyComp FITC, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F1 | 1 mL |
| EasyComp PE, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F2 | 1 mL |
| EasyComp PE-TR, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F3 | 1 mL |
| EasyComp PE-Cy5, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F4 | 1 mL |
| EasyComp PE-Cy7, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F5 | 1 mL |
| EasyComp APC, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F6 | 1 mL |
| EasyComp APC-Cy7, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-F7 | 1 mL |
| EasyComp Kit, (Blank, FITC, PE & PE-Cy5), 4 vials, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-K1 | 1x5 mL & 3x1 mL |
| EasyComp Kit, (Blank, FITC, PE, PE-Cy5 & APC), 5 vials, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-K2 | 1x5 mL & 4x1 mL |
| EasyComp Kit, (Blank, FITC, PE, PE-TR & PE-Cy5), 5 vials, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-K3 | 1x5 mL & 4x1 mL |
| EasyComp Kit, (Blank, FITC, PE, PE-TR, PE-Cy5, PE-Cy7, APC & APC-Cy7), 8 vials, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-K4 | 1x5 mL & 7x1 mL |
| EasyComp Fluorescent Particle Kit (Blank, FITC, PE, PE-TR, PE-Cy5, APC & APC-Cy7), 7 vials, $10^7/\text{mL}$ | 3.0-3.4 | ECFP-K5 | 1x5 mL & 6x1 mL |

Figure 58 Histograms of the FITC, PE, PE-TR, PE-Cy5, PE-Cy7, APC, and APC-CY7 Easy Comp Compensation Particles with blank.

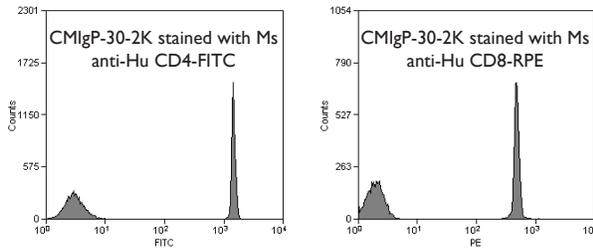


SPHERO™ COMPtrol Particles

- Coated with Goat anti-Mouse Ig (H&L) to bind to fluorochrome-conjugated monoclonal antibodies used in cell staining
- Provides a method for the quality control of the fluorochrome-conjugated monoclonal antibodies
- Aids in setting proper compensation to reduce cross-talk between flow cytometer channels

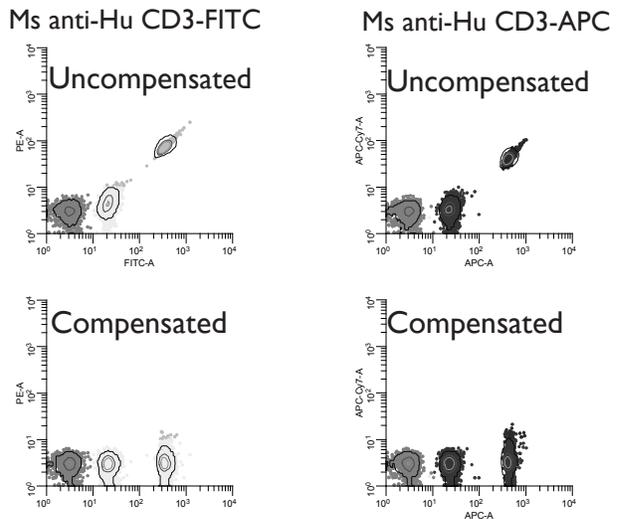
The COMPtrol Particles are coated with Goat anti-Mouse Ig (H&L). They bind to fluorochrome-conjugated monoclonal mouse antibodies used during cell staining. These particles provide a method for the quality control of these conjugates. They are also used to aid in setting proper compensation to reduce the cross-talk between the channels of multicolor flow cytometers.

Figure 59 Histograms of the 3 micron COMPtrol Particles (Cat. No. CMIgP-30-2K) stained with mouse monoclonal fluorescent conjugate.



| Particle Type and Surface | Size, μm | Catalog No. | Unit |
|---|---------------------|-------------|-------|
| COMPtrol Kit, Goat anti-Mouse Ig (H&L) Coated Particles, 2 populations (Negative & High), $1 \times 10^7/\text{mL}$ | 0.7-0.9 | CMIgP-08-2K | 2x5mL |
| COMPtrol Kit, Goat anti-Mouse Ig (H&L) Coated Particles, 2 populations (Negative & High), $1 \times 10^7/\text{mL}$ | 3.0-3.4 | CMIgP-30-2K | 2x5mL |
| COMPtrol Kit, Goat anti-Mouse Ig (H&L) Coated Particles, 3 populations (Negative, Low, & High), $2.5 \times 10^6/\text{mL}$ | 5.0-5.9 | CMIgP-50-3K | 3x5mL |
| COMPtrol Kit, Goat anti-Mouse Ig (H&L) Coated Particles, 3 populations (Negative, Low, & High), $2.5 \times 10^6/\text{mL}$ | 7.0-7.9 | CMIgP-70-3K | 3x5mL |

Figure 60 Histograms of the 5 micron COMPtrol Particles (Cat. No. CMIgP-50-3K) stained with mouse monoclonal fluorescent conjugate.



SPHERO™ COMPtrol Microparticles

Put Yourself in COMPLETE CONTROL of your Fluorescent Conjugates

- Provides a consistent, accurate, and easy-to-use approach for setting flow cytometry compensation
- Used as a substitute for cells while setting compensation
- Consists of a bright uniform signal when stained with all isotypes of mouse, rat, or hamster immunoglobulin



Let the Possibilities Flow

Flow Cytometry Particles - Compensation