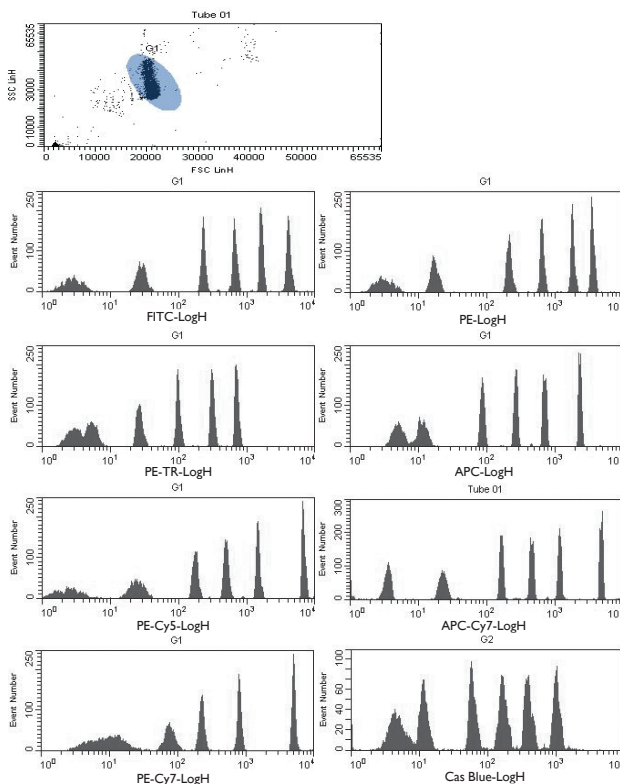


SPHERO™ Ultra Rainbow Calibration Particle Kits

- Consists of one bead with multiple fluorophores and intensities for calibration in all channels of the flow cytometer
- Designed for routine calibration and long term performance tracking
- Used to optimize the linearity, resolution and sensitivity
- Simplifies the calibration in the UV, Violet, Far Red, and IR channels

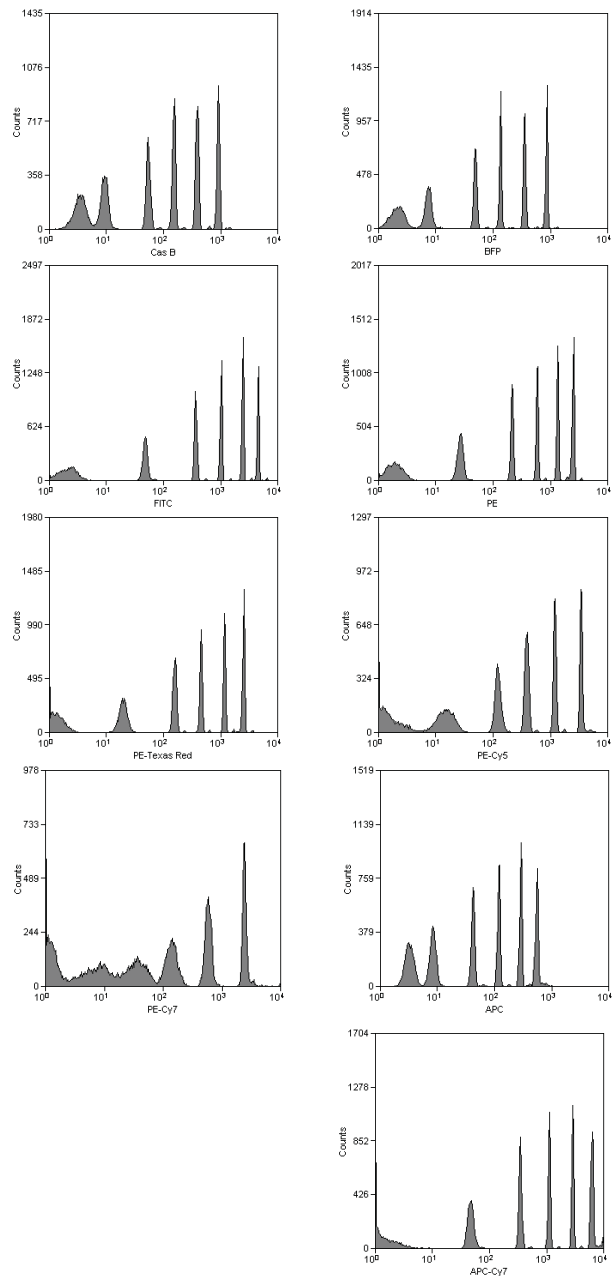
A new set of calibration particles, **Ultra Rainbow Calibration Particles**, are now available for performance tracking of flow cytometers with fluorescent channels in the Far Red. The **Ultra Rainbow Calibration Particle Kits** are available in either 6 peaks, 3.8 µm or 5.05 µm. These particles are supplied as a kit. One 3mL bottle of blank particles and a 2 mL bottle of fluorescent particles. The **Ultra Rainbow Calibration Particles** have improved resolution in the PE-Cy7, APC, and APC-Cy7 channels.

Figure 1 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AA01) on a Stratified S1400



Particle Type and Surface	Size, µm	Catalog No.	Unit
Ultra Rainbow Calibration Kit, 6 peaks, 10 ⁷ /mL	3.5-3.9	URCP-38-2K	2 mL
Ultra Rainbow Calibration Kit, 6 peaks, 10 ⁷ /mL	5.0-5.4	URCP-50-2K	2 mL

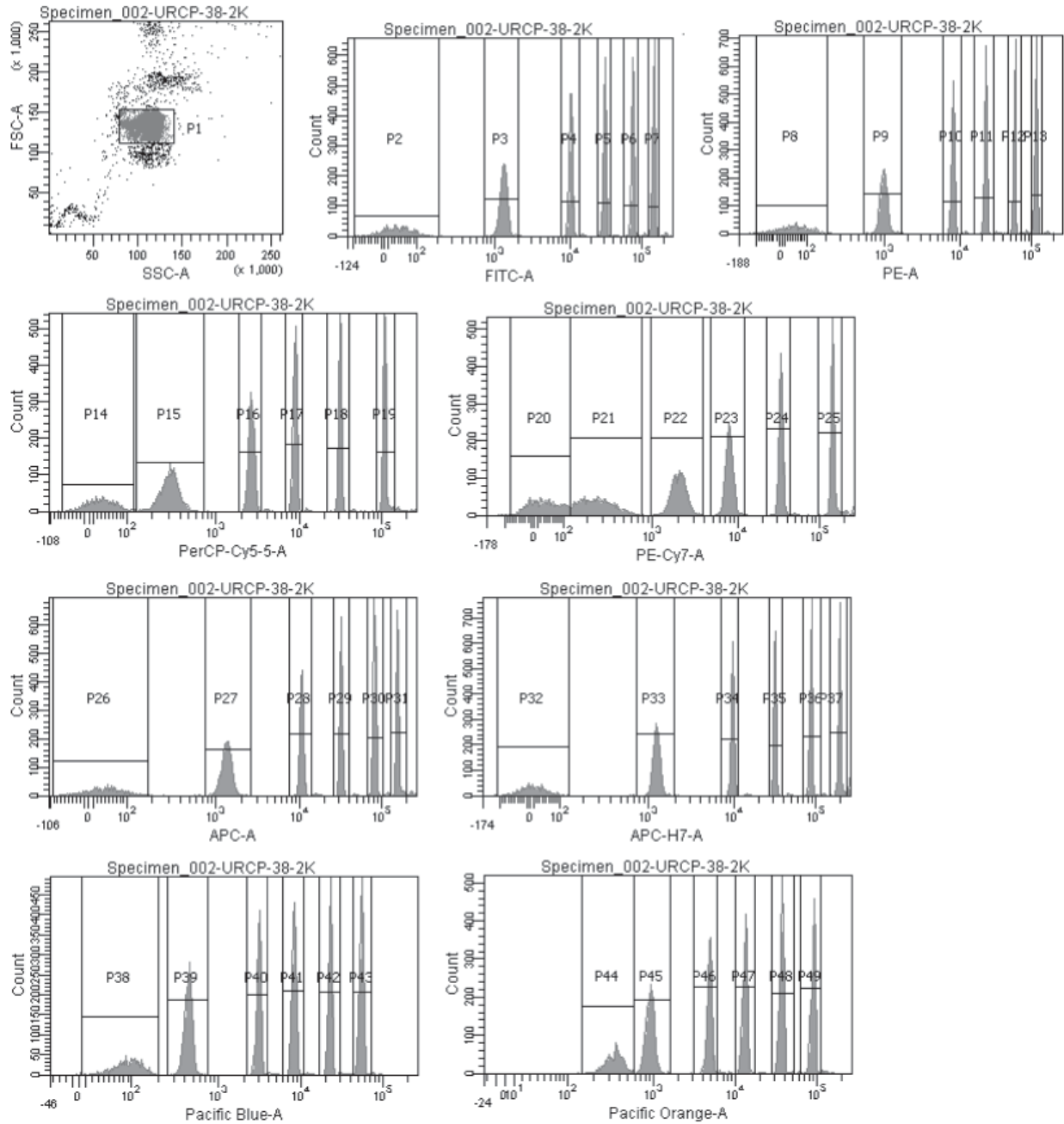
Figure 2 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AA01) on a Beckman Coulter Cyan™ ADP



Spherotech, Inc.

27845 Irma Lee Circle, Unit 101, Lake Forest, IL 60045

Figure 3 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AA01) on a BD FacsCanto™ II

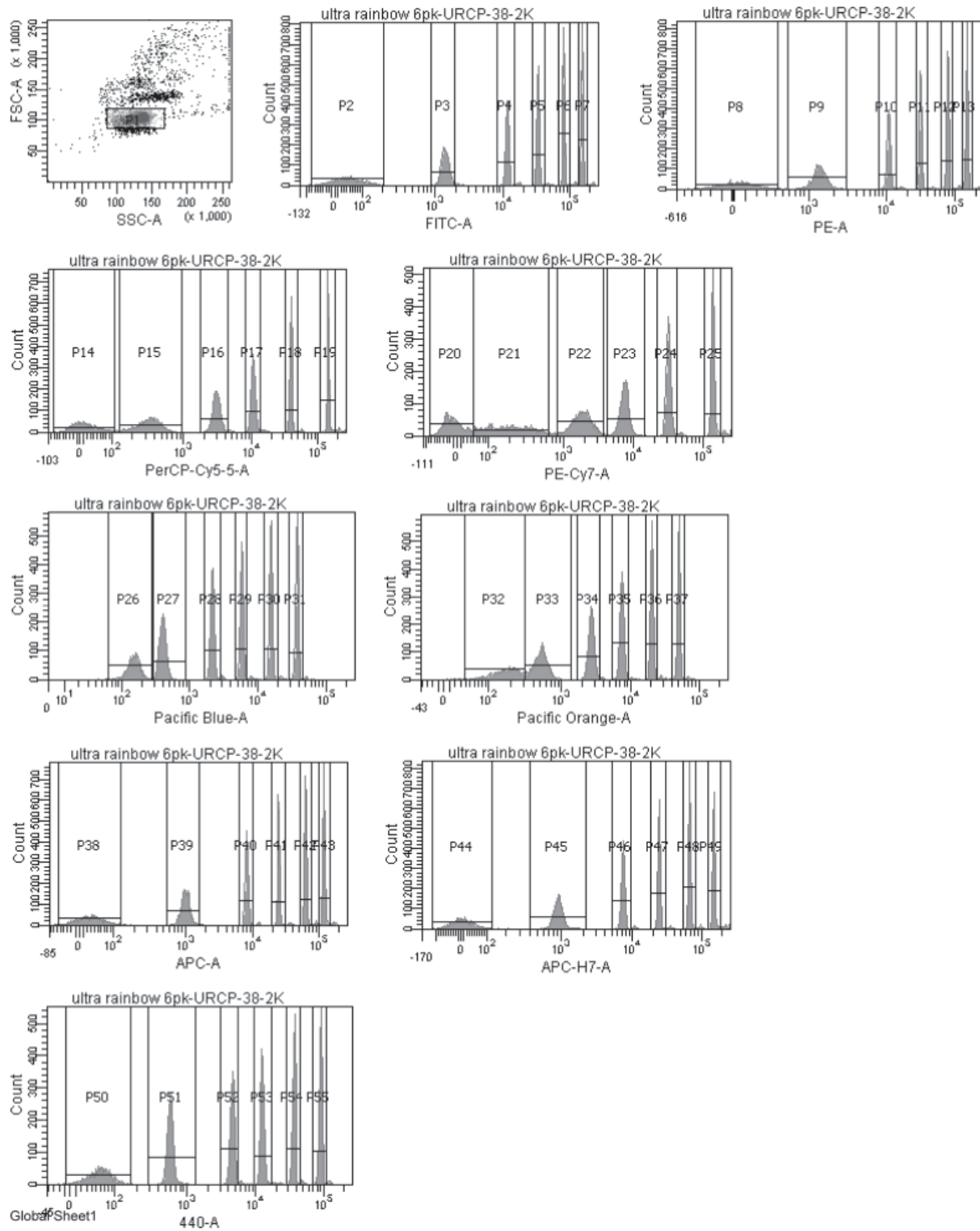


* Data provided by Laura Marszalek, Northwestern Memorial Hospital.

Spherotech, Inc.

27845 Irma Lee Circle, Unit 101, Lake Forest, IL 60045

Figure 4 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AA01) on a BD LSR™ II



* Data provided by Laura Marszalek, Northwestern Memorial Hospital.

Spherotech, Inc.

27845 Irma Lee Circle, Unit 101, Lake Forest, IL 60045

Figure 5 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-50-2K, Lot No. Z01) on a Beckman Coulter Cytan™ ADP

