

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.

Particle Type and Surface	Size, μm	Catalog No.	Unit
Ultra Rainbow Calibration Kit, 6 peaks, $10^7/\text{mL}$	3.5-3.9	URCP-38-2K	2 mL
Ultra Rainbow Calibration Kit, 6 peaks, $10^7/\text{mL}$	5.0-5.4	URCP-50-2K	2 mL
Ultra Rainbow Calibration, 3 peaks, $10^6/\text{mL}$	3.0-3.4	URCP01-30-10K	10x3mL
Ultra Rainbow Calibration, 4 peaks, $10^7/\text{mL}$	8.0-12.9	URCP-100-2	2 mL

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 3.8 μm , or 5.1 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 31 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AC01) on a Stratified S1400.

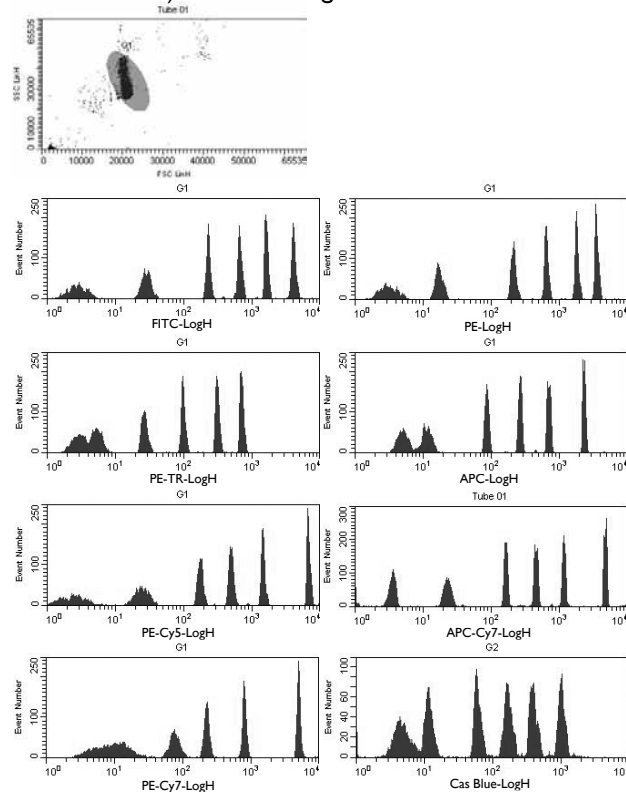
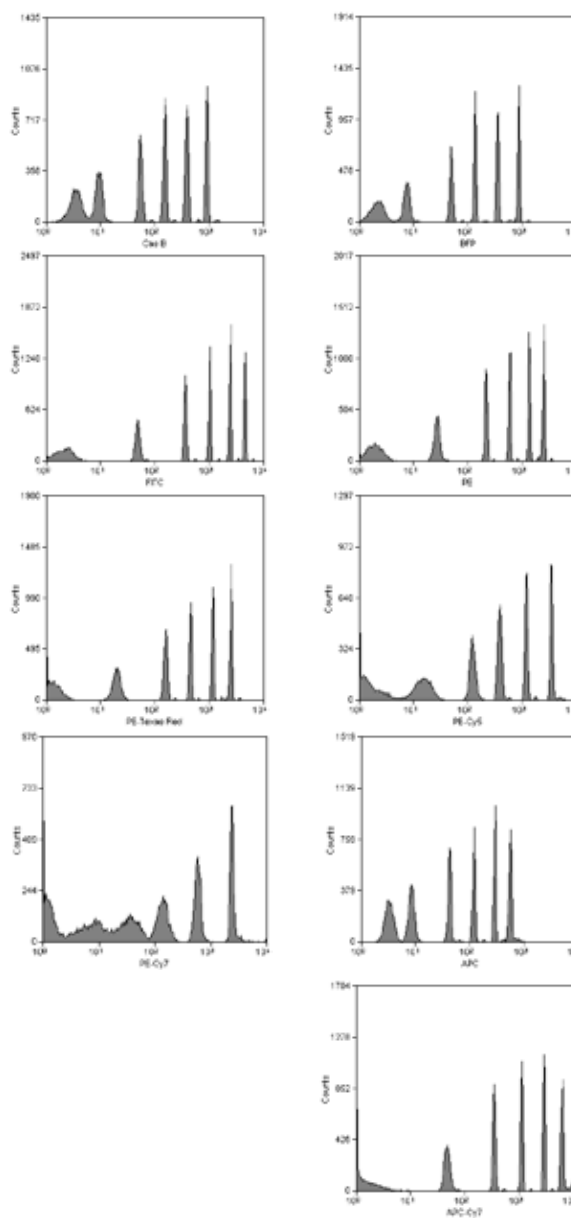


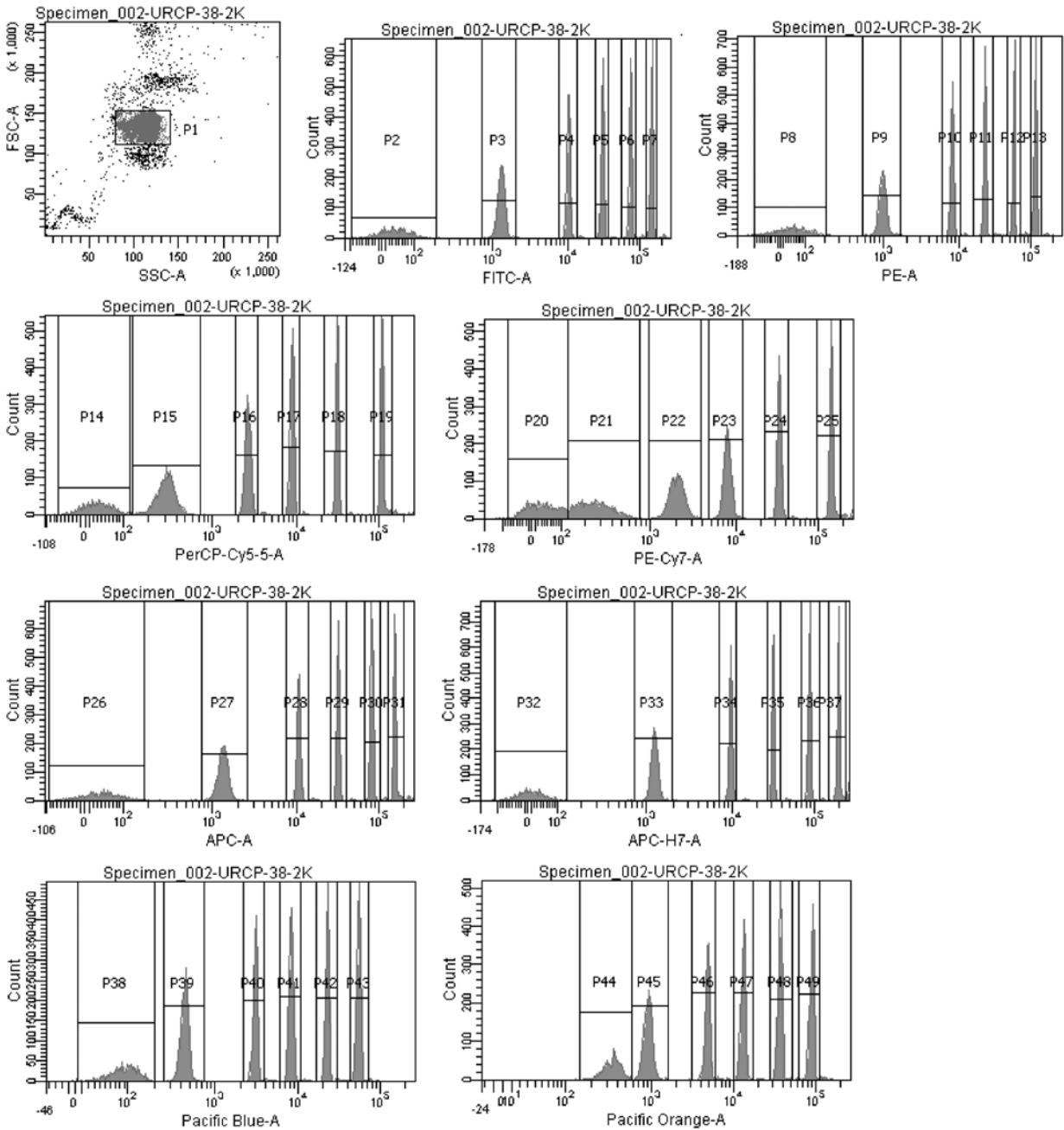
Figure 32 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AC01) on a Beckman Coulter Cyan™ ADP.



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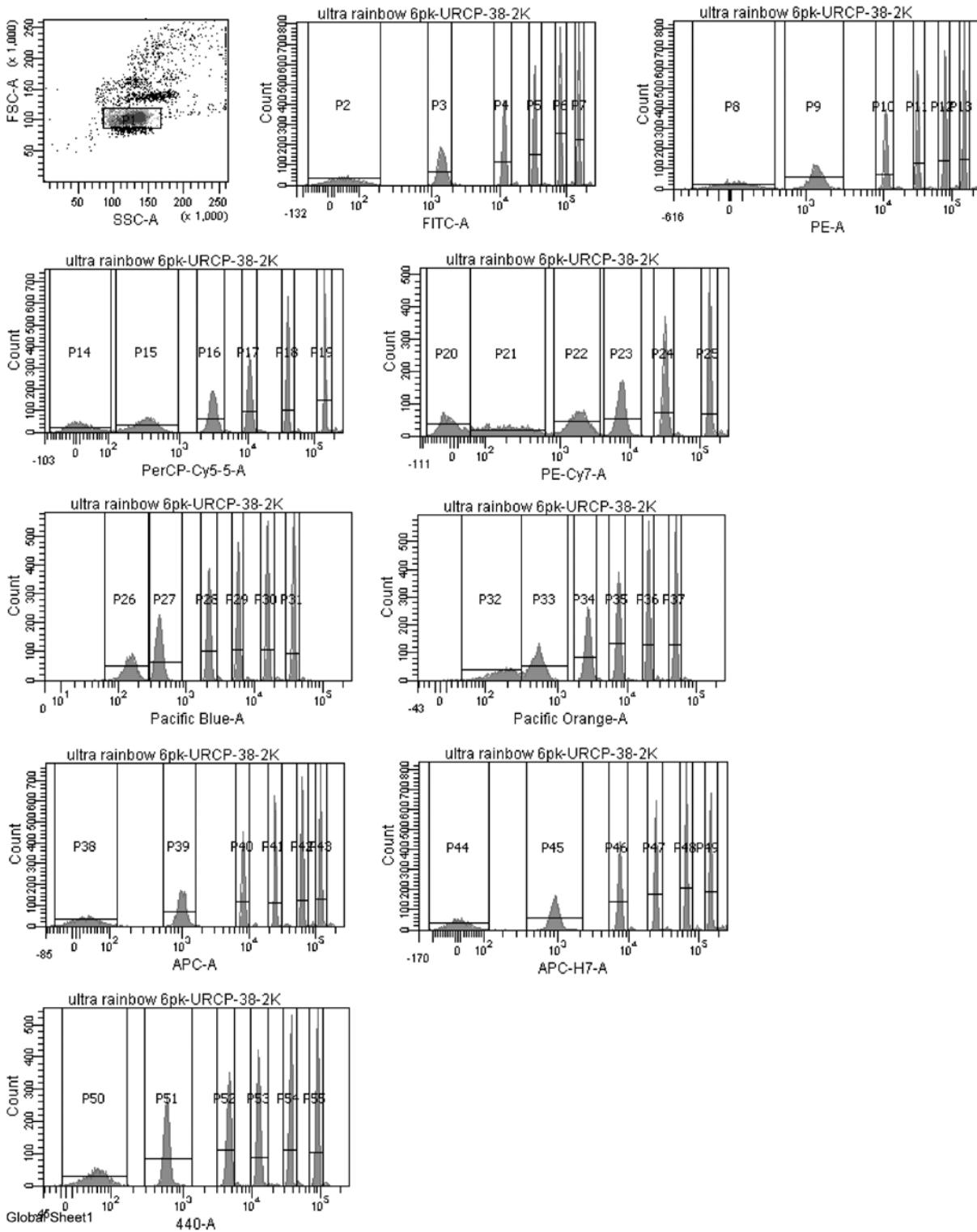
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Figure 33 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AC01) on a BD FacsCanto™ II.



* Data provided by Laura Marszalek, Northwestern Memorial Hospital.

Figure 34 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No. AC01) on a BD LSR™ II.

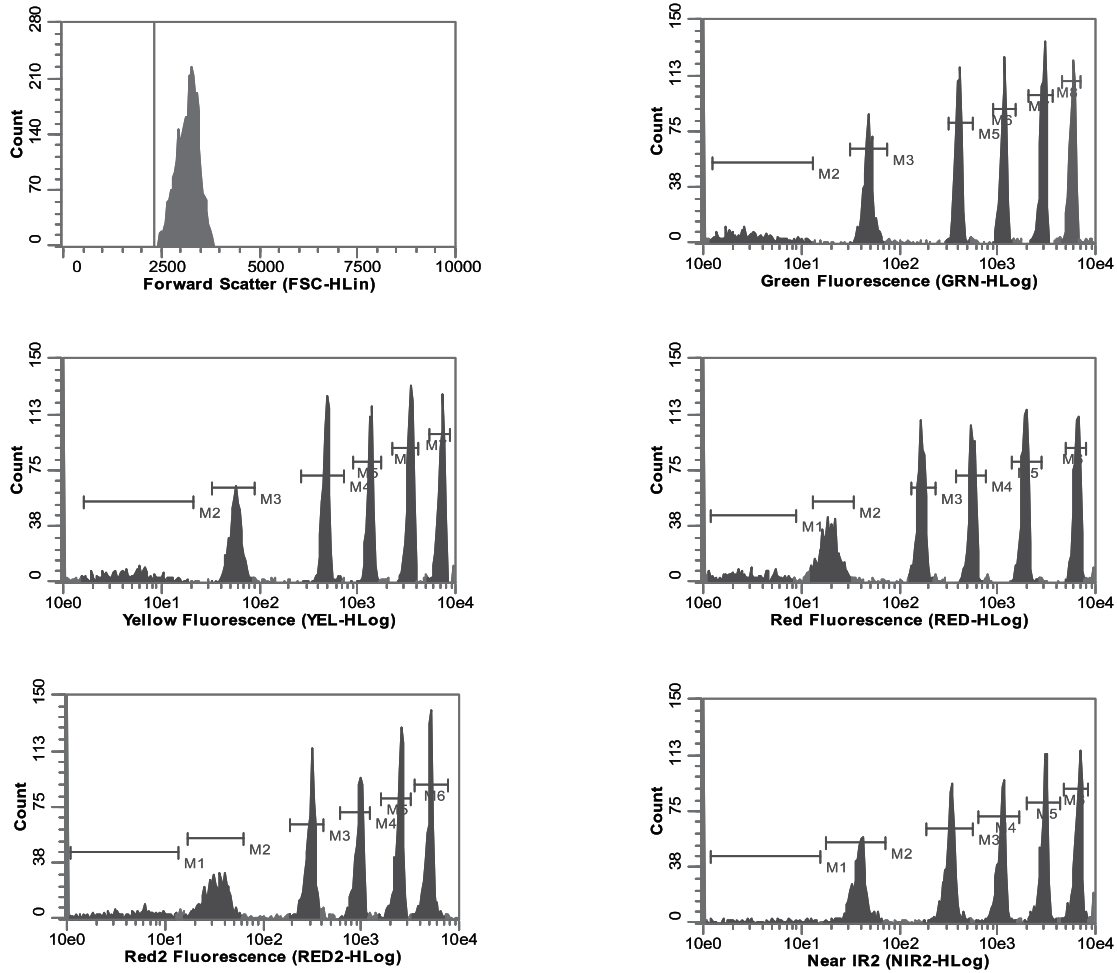


* Data provided by Laura Marszalek, Northwestern Memorial Hospital.

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Figure 35 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-38-2K, Lot No.AC01) on a Millipore easyCyte8.



SPHERO™ Ultra Rainbow Calibration Particles

One Bead, Multiple Intensities Calibrating all Channels

- Designed for routine calibration of the flow cytometer in all channels
- Optimizes the linearity, sensitivity, and resolution of the flow cytometer
- Simplifies the calibration of multiple laser flow cytometers including Far Red, Violet, and UV channels



Spherotech

Let the Possibilities Flow

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Visit us on the web at <http://www.Spherotech.com>

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Figure 36 Histograms of the Ultra Rainbow Calibration Particles (Cat. No. URCP-50-2K, Lot No.AC01) on a Beckman Coulter Cyan™ ADP.

