

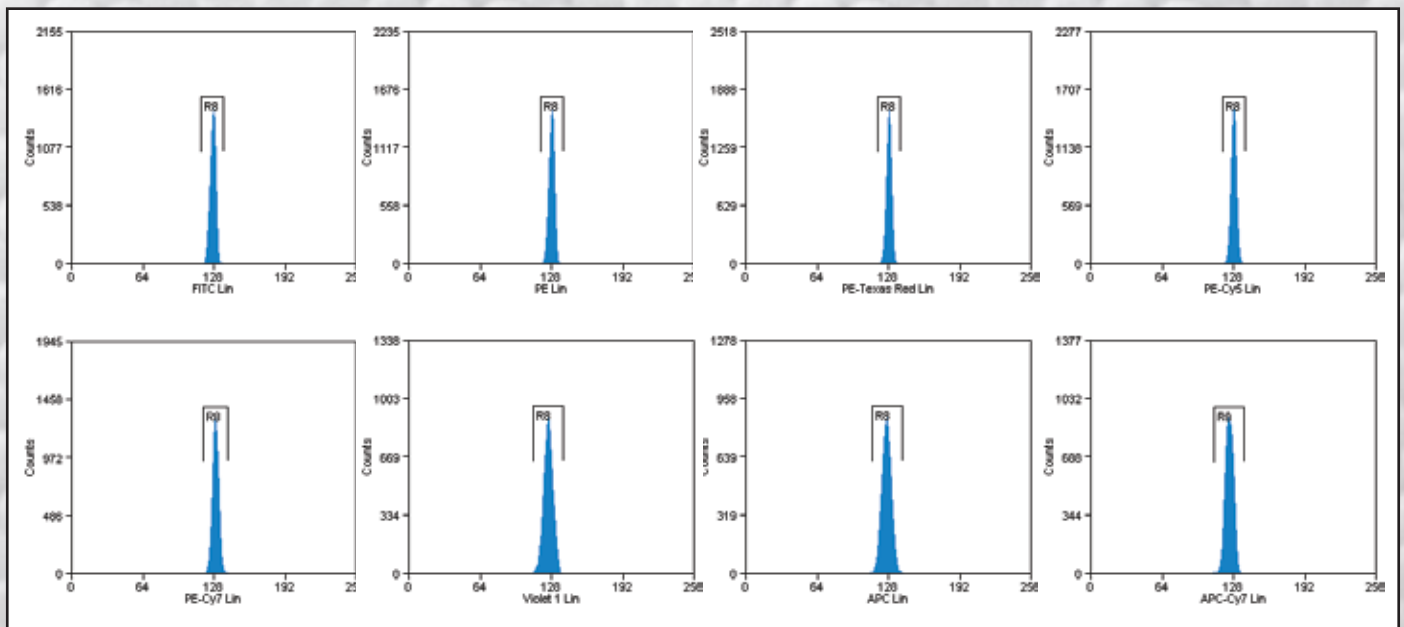
Spherotech

Let the Possibilities Flow

SPHERO™ Ultra Rainbow Fluorescent Particles

One Bead Aligns all Channels

- Contains a single peak for the optical alignment of any flow cytometer in all channels from UV to the Far Red
- Determines if the flow cell is clean and without fluidic blockage
- Measures the coefficients of variation (CVs), peak channels, and histogram distributions to determine the functionality of the flow cytometer.



Histograms of 3 μ m Ultra Rainbow Fluorescent Particles, Cat. No. URFP-30-2

To learn more about Spherotech Ultra Rainbow Fluorescent Particles visit us online

www.spherotech.com

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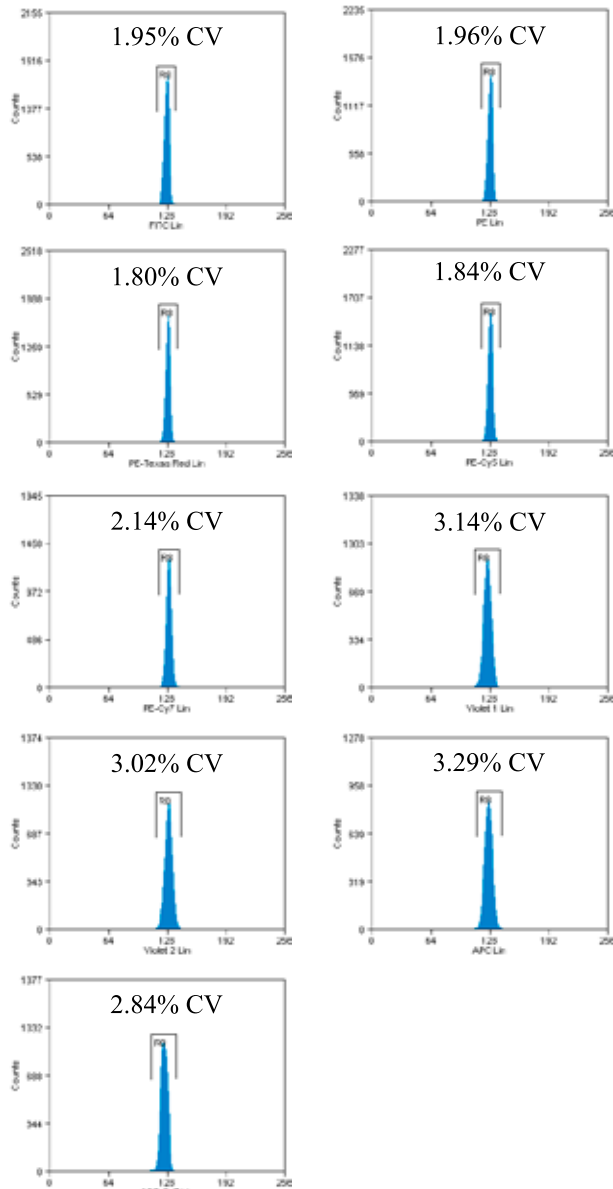


SPHERO™ Ultra Rainbow Fluorescent Particles

- Consist of a single fluorescent peak from monodisperse beads with tight size and fluorescence %CV
- Enhanced UV and Far Red fluorescence intensity
- Designed for checking the optical alignment of any flow cytometer in all channels
- Evaluates the flow cytometer performance by obtaining the peak channel, mean channel, histogram shape, and CV% at a specific PMT voltage
- Add a few drops to a milliliter of DI water or saline to use

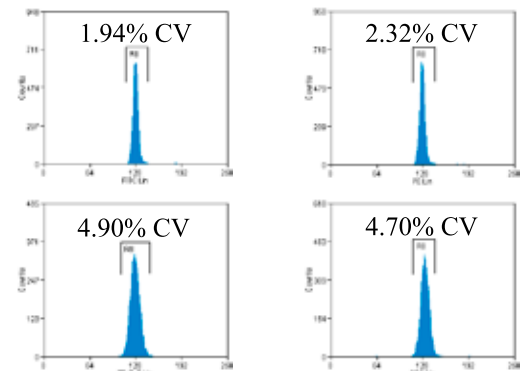
Particle Type and Surface	Size, μm	Catalog No.	Unit
UltraRainbow Fluorescent, $10^7/\text{mL}$	1.0-1.4	URFP-10-5	5 mL
UltraRainbow Fluorescent, $10^7/\text{mL}$	3.0-3.4	URFP-30-2	2 mL
UltraRainbow Fluorescent, $10^7/\text{mL}$	3.0-3.4	URFP-30-20	20 mL
UltraRainbow Fluorescent, $10^7/\text{mL}$	3.5-3.9	URFP-38-2	2 mL
UltraRainbow Fluorescent, Mid-Range Intensity, $10^7/\text{mL}$	3.5-3.9	URFP-38-5A	5 mL
UltraRainbow Fluorescent, $10^7/\text{mL}$	8.1-12.0	URFP-100-2	2 mL
UltraRainbow Fluorescent, $5 \times 10^6/\text{mL}$	13.0-17.9	URFP-150-2	2 mL
UltraRainbow Fluorescent, 1% w/v	18.0-24.9	URFP-200-5	5 mL
UltraRainbow Fluorescent, 1% w/v	25.0-35.0	URFP-300-5	5 mL

Histograms of URFP-30-2

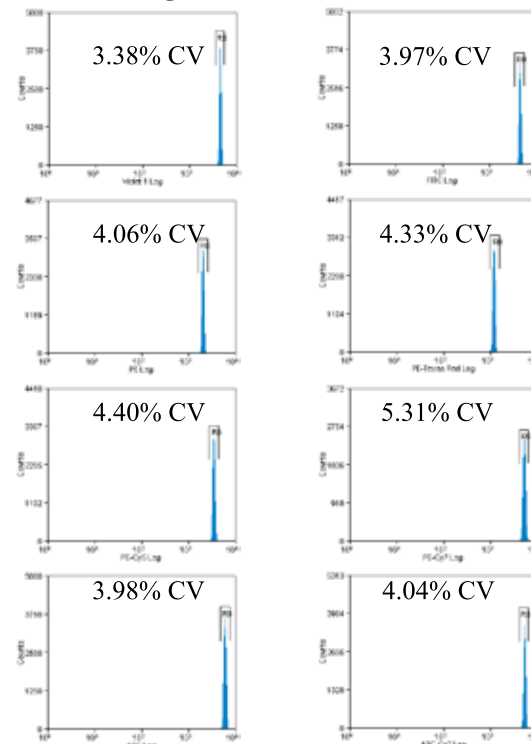


NOTE: %CV is dependent on the flow rate, concentration, and the instrument used to evaluate the Ultra Rainbow Fluorescent Particles.

Histograms of URFP-38-2



Histograms of URFP-100-2



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