

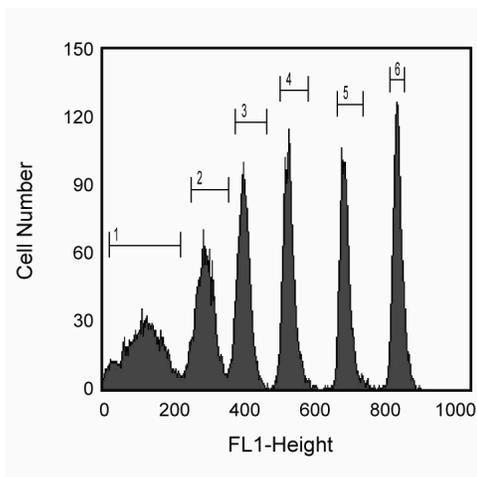
Technical Data Sheet

Rainbow Calibration Particles (6 peaks), 6.0 - 6.4 μm**Product Information**

Material Number: 556288
Size: 5.0 ml
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The vial contains a mixture of 6.0 - 6.4 μm Rainbow Particles that are dyed to six different fluorescent intensities. Every Rainbow particle contains a mixture of fluorophores that are excited at any wavelength from 365 - 650 nm. The Rainbow Particles have emission spectra compatible with many common fluorophores used for immunofluorescent staining with flow cytometric analysis.



Rainbow Particle peak separation based on FL1 fluorescence intensity expressed in relative channel numbers.

Preparation and Storage

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes**Recommended Assay Procedure:**

This particle mixture (~10x10⁶ particles/ml) is useful for routine calibration of flow cytometers. Before use, resuspend the particles by vortexing. Dilution of 3 - 5 drops of particles to 1 ml of sheath fluid will provide an adequate number of particles for flow cytometric analysis.

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharming/en/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

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