

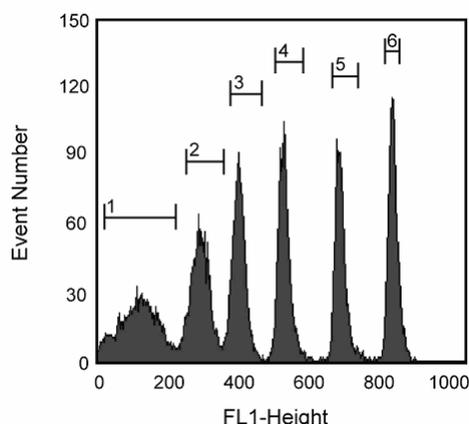
## Technical Data Sheet

**Blank Calibration Particles, 6.0 - 6.4 µm****Product Information**

**Material Number:** 556296  
**Size:** 5.0 ml  
**Storage Buffer:** Aqueous solution containing 0.01%NP40 and ≤ 0.02% sodium azide.

**Description**

The vial contains a single population of Blank Calibration Particles that are dyed to a single fluorescent intensity. The intensity of this particle corresponds to the dimmest intensity. The intensity of this particle corresponds to the dimmest intensity peak in the Rainbow Calibration Particles, 6.0 - 6.4 µm (Cat. No. 5556288). 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. The Blank Calibration Particles correspond to peak 1 in the Rainbow Calibration Particles depicted in the figure.*

**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 (~10x10<sup>6</sup> 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/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/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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