BD Cytometer Setup and Tracking Beads

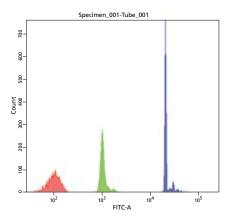
Features

Simplifies setup with a single vial reagent solution

Provides cost efficiency with low per-test cost and multiple kit configurations

Produced under GMP for improved quality and reproducibility

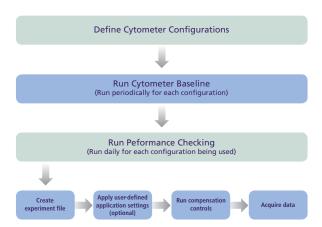
Enhances cytometer setup workflow, supporting over 20 laser and filter combinations



Cytometer Setup and Tracking beads are excited by all supported lasers and emit in the range of virtually any filter combination.

Digital Multicolor Setup

Workflow using the BD Cytometer Setup and Tracking System



BDTM Cytometer Setup and Tracking Beads, designed for use with BD FACSDivaTM 6.0 or later software, automate the characterization and tracking of BD FACSCantoTM, BD FACSCantoTM II, BD FACSAriaTM, and BDTM LSR II flow cytometer performance. The bead reagent vial contains sufficient volume and concentration to perform 50 daily performance checks or up to 16 baseline characterizations.

The Cytometer Setup and Tracking Beads reagent contains equal concentrations of three polystyrene beads differing in relative intensity: dim, midrange, and bright. All three beads have a low intrinsic CV and contain dyes spanning a wide range of both excitation and emission wavelengths used in many flow cytometry applications.

The Cytometer Setup and Tracking workflow uses Cytometer Setup and Tracking Beads and BD FACSDiva 6.0 or later software to define the cytometer's initial baseline status. During this process, each bead's median fluorescence intensity and robust coefficient of variation are measured in all fluorescence detectors. Software algorithms use this information to determine cytometer settings and performance measurements, automatically determine baseline PMT gains, and provide target values for reproducible application specific settings. Once these baseline measurements are defined, the Cytometer Setup and Tracking Beads are subsequently used to run day-to-day cytometer performance checks. These daily measurements are then tracked within the software using Levey-Jennings graphs, which can be customized to meet user requirements for acceptance.

Together, Cytometer Setup and Tracking Beads and BD FACSDiva 6.0 or later software provide reproducible day-to-day cytometer performance for more data consistency over time.

Specifications

Specification 5	
Bead Type	Polystyrene
Bead Sizes	2 micron (dim), 3 micron (midrange and bright)
Volume	3 mL
Solution	PBS with 0.5% BSA and 0.1% Azide
Est. Number of Tests	50 Performance Checks
Fluorophore Compatibility	Indo 1, DAPI, Hoechst, Pacific Blue™, AmCyan, Qdot® 655, Qdot® 700, FITC, PE, PE-Texas Red®, PerCP, PerCP-Cy™5.5, PE-Cy™7, APC, Alexa Fluor® 700, APC- Cy7, APC-HL750
Systems Supported	BD FACSCanto, BD FACSCanto II, BD FACSAria, BD LSR II flow cytometers

Visit bdbiosciences.com for more information.



Class I (1) Laser Product.

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