

# Fluorescent Reference Standards

## Daily Standardization



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Daily standardization with Fluorescent Reference Standards ensures optimal and reproducible instrument performance.

### Daily Instrument Set-up

In order to ensure optimal performance, your instrument set-up should include establishing target conditions for sample analysis. This standardization is often accomplished by assigning specific target channels to a stable reference material and adjusting the instrument settings to reproduce these conditions each day. An appropriate reference material will match both the physical and fluorescent properties of the samples being analyzed.

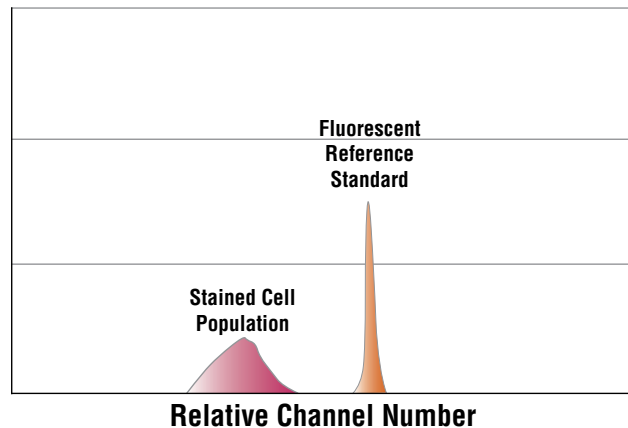
### Spectral Matching

Fluorescent Reference Standards from Bangs Laboratories make ideal reference material for instrument standardization. These standards approximate the size of human lymphocytes (7-9µm in diameter) and are available in a variety of fluorochromes commonly used in clinical and research applications. Our Fluorescent Reference Standards are labeled with the same fluorochromes used to label biological samples. The excitation and emission spectra of these microspheres have been carefully matched to those of typical stained specimens. The standards fall in the same fluorescence intensity range as labeled cell samples, allowing you to standardize your instrument under the same amplifier and gain conditions used for sample analysis.

### Internal Standards

The Fluorescent Reference Standards may be added directly to cell samples and used as an internal reference. In this way, results from different days, operators, or even laboratories can be compared.

To ensure optimal and reproducible flow cytometric results for your laboratory, standardize daily with Fluorescent Reference Standards.



Fluorescent Reference Standard providing point of reference for stained cell population.

## FLUORESCENT REFERENCE STANDARDS

### Cat. # Product Description

890	Certified Blank™ (no label)
910	AutoFluor™
897	Acridine Orange
901	Allophycocyanine (APC)
914	APC-Cy™7
898	Chlorophyll
896	Dansyl Chloride
906	DAPI
891	Fluorescein (FITC)
851	Fluorescein (FITC), 2µm
903	Fura 2
894	Hoechst 33342

### Cat. # Product Description

902	Indo 1
900	Oxazine 1
908	PE-Cy™5
889	PE-Cy™7
909	PE-TR
892	Propidium Iodide
852	Propidium Iodide, 2µm
899	R-Phycoerythrin (R-PE)
907	Rhodamine 123
904	Rhodamine B
905	T.M Rhodamine
893	Texas Red®

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**Bangs Laboratories, Inc.**

**Bangs Laboratories** supplies a large variety of uniform polymeric and silica microsphere products setting the standards for diagnostic, research, and flow cytometry applications. No matter the project, we have a product that serves or we'll work to custom-design a solution to fit. And that's not the half of it.

We also stand behind our products. Regardless of the size of your question or the size of your company, we offer tech support, absolutely free.

**Sound interesting? Give us a call.**



**317.570.7020**

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