

Fluorescence Reference Standards



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

Spectral Matching

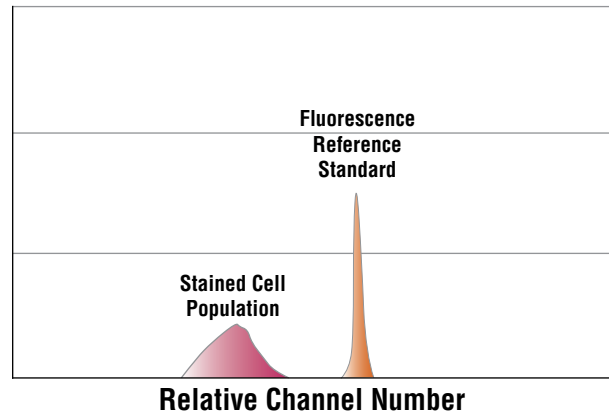
Fluorescence Reference Standards from Bangs Laboratories make ideal reference material for instrument standardization. These standards approximate the size of human lymphocytes (7-9 μ m in diameter) and are available in a variety of fluorochromes commonly used in clinical and research applications. Our Fluorescence 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.

Daily Instrument Set-up

To reduce variation and achieve optimal results, instrument set-up should include the establishment of target conditions for sample analysis. This standardization is often accomplished by assigning a specific target channel 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.

Intra-assay

The Fluorescence 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.



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

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

FLUORESCENCE REFERENCE STANDARDS

Cat. # Product Description

890	Certified Blank™ (no label)
910	AutoFluor™
897	Acridine Orange
886	Alexa Fluor® 488
887	Alexa Fluor® 647
901	Allophycocyanine (APC)
914	APC-Cy™7
898	Chlorophyll
895	Cy™5
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
899	R-Phycoerythrin (R-PE)
907	Rhodamine 123
904	Rhodamine B
905	T.M Rhodamine
893	Texas Red®
915	Violet Laser

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Cy™, including Cy5 and Cy7, are trademarks of GE Healthcare Limited. These products are manufactured under license from Carnegie Mellon University under U.S. Patent Number 5,268,486 and related patents.



Bangs Laboratories supplies a large variety of uniform polymeric, silica, and magnetic 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.



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