

# Full Spectrum™

## Multi-fluorescent Microspheres



BEADS • ABOVE THE REST



### Multi-fluorescent microspheres offer a convenient means to perform initial daily QC and set-up of your flow cytometer.

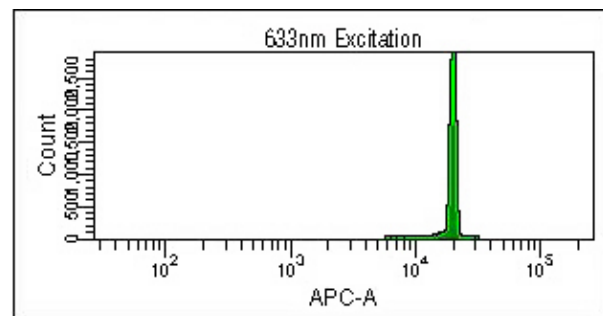
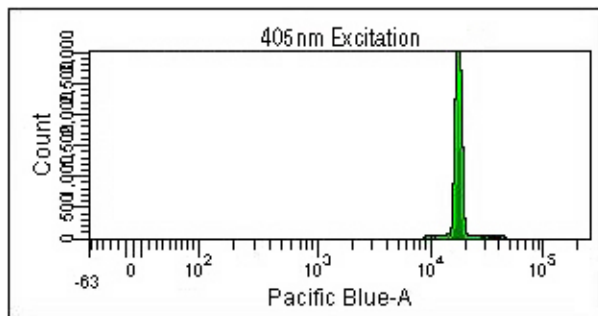
As part of a routine QC program, fluorophore-labeled microspheres offer a convenient means to check general instrument status and monitor stability over time. When beads are run, the channel values for pertinent fluorescence detectors are recorded, and data are monitored to identify outliers and trends. This type of check can alert the user to problems with the optical and fluidic systems (e.g. diminishing laser power or obstruction/leakage) and the effect of environmental factors, such as temperature, humidity, and vibration on instrument performance.

Full Spectrum, a multi-color fluorescence reference standard, consists of highly uniform microbeads that fluoresce over the visible spectrum. The

microspheres are internally labeled with multiple fluorophores for use with common excitation and detection wavelengths within the visible spectrum. These multi-fluorescent microspheres provide a convenient means to perform initial daily QC or instrument set-up on the flow cytometer.

As a tool for instrument set-up, a reference peak may be positioned for each detector to achieve initial instrument settings.

- Diameter: ~7-9 $\mu$ m
- Excitation (nm): 355, 405, 488, 633
- Emission: Full Spectrum



## FULL SPECTRUM™

Cat. #	Product Description
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885	Full Spectrum™
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**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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