

9025 Technology Dr. • Fishers, IN 46038-2886
 800.387.0672 • 317.570.7020 • Fax 317.570.7034
 info@bangslabs.com • www.bangslabs.com



BEADS ABOVE THE REST™

Description

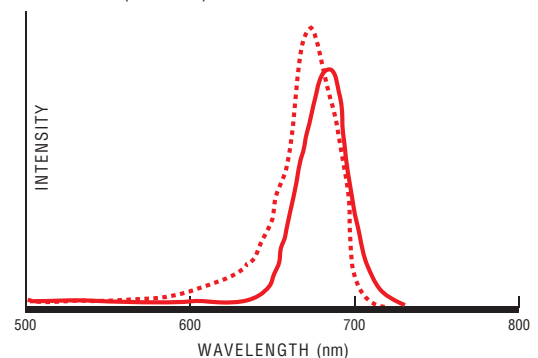
The Flash Red Intensity Standard is a kit consisting of five populations of ~8 μ m polystyrene-based microspheres dyed with increasing amounts of Flash Red fluorophore. The different intensity populations may serve as relative intensity standards for fluorescence-based applications in microscopy or flow cytometry and, as internally-dyed beads, they will stand up to the rigors of imaging. As Flash Red is spectrally similar to CyTM5, traditional red fluorophore filter sets (e.g. Cy5/microscope; PE-Cy5 or APC/cytometer) may be used with this standard.

The beads may also serve as bright relative intensity or linearity standards for flow cytometry; ask about our QuickCal[®] Linearity Template.

Characteristics

Mean Diameter:	~8 μ m
Kit Components:	5 x 1mL
Particle Count:	~1.5 x 10 ⁷ particles/mL
Particle Concentration:	0.5% solids
Buffer:	DI water + 0.01% Tween [®] 20 + 2mM NaN ₃

Flash Red (660, 690)



Trademarks and Registered Trademarks

1. CyTM, including Cy5, is a trademark of GE Healthcare Limited. This product is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5,268,486 and related patents.
2. QuickCal[®] is a registered trademark of Bangs Laboratories, Inc.
3. Tween[®] is a registered trademark of ICI Americas, Inc.

Storage and Stability

The reagent should be kept in its opaque bottle and stored at 2-8°C. Freezing may result in irreversible aggregation.

Safety

This particle suspension contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation. Please consult the Material Safety Data Sheet for more information.

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

Ordering Information

Catalog Code	Description	Size
FR06M	Flash Red Intensity Standard	1 kit

Order online anytime at www.bangslabs.com.