

PRODUCT DATA SHEET

ProteoColor™ PlixBeads™ – 500 nm Diameter

Authorized for research use only

Contents

The vial(s) contains carboxyl-functionalized, 500 nm acrylic beads encoded with fluorescent, composition-tunable nanocrystals. Blank beads are not encoded with nanocrystals. There are approximately 1.46×10^{10} beads per mg. The beads are shipped in deionized water with 0.01% sodium azides.

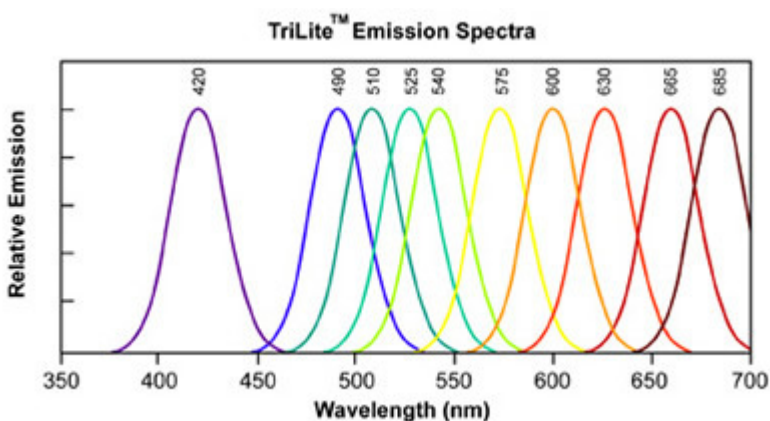
Instructions

The beads should be stored between 2 and 25 °C in the dark. Beads may be centrifuged (6000 G, 6 minutes) to change solvent if desired. Beads may aggregate during shipping, centrifugation, or if allowed to settle for a few days—follow directions below to disperse. Binding ligands to surface carboxylic acids can be accomplished with EDC in TBS in a pH range of 6.5 - 8.0 by following our recommended Protein Binding Protocol.

Bead dispersion protocol

- 1) Vortex, 10 seconds
- 2) Shake vigorously by hand, 5 seconds
- 3) Sonicate, 20 seconds (vortex 50 seconds if sonicator not available)
- 4) Repeat three times

Spectra



PlixBeads is a trademark of Crystalplex Corp.