



Color Dyed PMMA Microspheres

Product Description:

Color dyed PMMA microspheres are utilized for many of the same purposes as the color dyed polystyrene beads. They are suitable to enhance both visual and microscopic identification.

Our color dyed microspheres are frequently used in lateral flow tests and latex agglutination tests. They are available with non-functionalized surfaces and with carboxyl and primary amine functionalized surfaces to support covalent coupling strategies. These surface modified microspheres are suitable for the covalent attachment of proteins, peptides, and nucleic acids. We provide vibrantly dyed microspheres in two colors: red and blue. Beads with other color, functional groups or molecules are also available on a custom basis by [clicking here](#) or visiting our website at <https://www.lab261.com/>.

Additionally, on a custom basis these microspheres can be coated with a variety of molecules such as ligands, nucleic acids, peptides, or antigens.

Characteristics:

<u>Colors:</u>	Red and Blue
<u>Size Range:</u>	10nm - 750 μ m
<u>Density:</u>	1.19 g/ml

Packaging Information:

All color-dyed PMMA particles are supplied as 1% solid suspensions (10mg/ml).
Minimum package size is 1ml.

Suspension Solution:

De-ionized water containing a small amount of surfactant and 2mM of sodium azide as an anti-microbial agent.

Product Stability, Storage and Specifications:

This product should be stored at 2-8°C. Do not freeze!

Product Use:

Sonicate/Vortex the microspheres before each use.

These products are for research and manufacturing use only and are not intended for use in humans, therapeutic or diagnostic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.