

DiagPoly™ Carboxyl Fluorescent Polystyrene Particles, Green, 0.2 µm

Cat.No: DCFG-L004

DESCRIPTION

Description	DiagPoly™ Carboxyl Fluorescent Polystyrene Particles, Green, 0.2 µm (# DCFG-L004) are encapsulated with green fluorophores (excitation: 460 nm, emission: 500 nm) and functionalized with carboxyl groups (COOH) on the surface for the covalent attachment of proteins, peptides and nucleic acids. The density of liquid suspension is 1.05-1.06 g/mL. Sonicate/Vortex the microspheres before each use.
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APPLICATION

Application Notes	Imaging and diagnostic purposes for signal enhancement and binding detection, fluid tracing, fluid mechanics studies, cell tracking, phagocytosis studies, latex agglutination tests, fluorescence microscopy, instrument calibration and biomedical technology research.
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PRODUCT INFORMATION

Diameter	0.2 µm
Functional Group	Carboxyl
Concentration	1% w/v
Absorption Max	460 nm
Emission Max	500 nm

STORAGE AND SHIPPING



Storage Buffer	De-ionized water containing a small amount of surfactant and 2mM of sodium azide as an anti-microbial agent.
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Storage	2-8°C in the dark. Do not freeze.
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TECHNOTES

TECHNOTES	To achieve optimum particle suspension, resuspend by vortexing before use.
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