

DiagPoly™ Amine Fluorescent Polystyrene Particles, Far Red, 0.1 µm

Cat.No: DCFN-L005

DESCRIPTION

Description	DiagPoly™ Amine Fluorescent Polystyrene Particles, Far Red, 0.1 µm (# DCFN-L005) are encapsulated with Far Red fluorophores (excitation: 658 nm, emission: 683 nm) and functionalized with amine groups (NH ₂) on the surface for the covalent attachment of proteins, peptides and nucleic acids. The fluorescence of the particles has deep penetration and does less damage to tissue and is suitable for optical imaging. The density of liquid suspension is 1.05-1.06 g/mL. Sonicate/Vortex the microspheres before each use.
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PRODUCT INFORMATION

Diameter	0.1 µm
Functional Group	Amine
Concentration	1.0% w/v
Absorption Max	658 nm
Emission Max	683 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.
Storage	Store at 2-8°C. Keep refrigerated. Do not freeze. Keep container closed and fluorescent particles protected from light.



TECHNOTES

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