

DiagPoly™ Carboxyl Fluorescent Polystyrene Particles, Red, 1 µm

Cat.No: DCFR-L108

DESCRIPTION

Description	DiagPoly™ Carboxyl Fluorescent Polystyrene Particles, Red, 1 µm (# DCFR-L108) are encapsulated with red fluorophores (excitation: 545 nm, emission: 566 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	Used as standards or markers, in immunoassays (such as latex agglutination assays and solid phase enzyme immunoassays), or coated with proteins for use in research and diagnostic tests.
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PRODUCT INFORMATION

Diameter	1 µm
Functional Group	Carboxyl
Concentration	1% w/v
Absorption Max	545 nm
Emission Max	566 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.