

DiagPoly™ Carboxyl Fluorescent Polystyrene Particles, Orange, 100 µm

Cat.No: DFCO-L018

DESCRIPTION

Description	DiagPoly™ Carboxyl Fluorescent Polystyrene Particles, Orange, 100 µm (# DFCO-L018) are encapsulated with orange fluorophores (excitation: 530 nm, emission: 582 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	100 µm
Functional Group	Carboxyl
Concentration	1% w/v
Absorption Max	530 nm
Emission Max	582 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.