



# DiagPoly™ Amine Fluorescent Polystyrene Particles, Red, 4 $\mu$ m

Cat.No: DCFR-L118

## DESCRIPTION

**Description** DiagPoly™ Amine Fluorescent Polystyrene Particles, Red, 4  $\mu$ m (# DCFR-L118) are encapsulated with red fluorophores (excitation: 545 nm, emission: 566 nm) and functionalized with amine groups on the surface for coupling a wide variety of amine-reactive molecules, including the succinimidyl esters and isothiocyanates of haptens and drugs or the carboxylic acids of proteins, using a water-soluble carbodiimide. Before sampling, mix well by sonication, vigorous shaking or vortex mixing.

## 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.

## PRODUCT INFORMATION

<b>Diameter</b>	4 $\mu$ m
<b>Functional Group</b>	Amine
<b>Concentration</b>	1% w/v
<b>Absorption Max</b>	545 nm
<b>Emission Max</b>	566 nm



## STORAGE AND SHIPPING

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<b>Storage Buffer</b>	De-ionized water containing a small amount of surfactant and 2mM of sodium azide as an anti-microbial agent.
<b>Storage</b>	Store at 2-8°C. Keep refrigerated. Do not freeze. Keep container closed and fluorescent particles protected from light.

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