

DiagPoly™ Amine Fluorescent Polystyrene Particles, Red, 4 µm

Cat.No: DCFR-L118

DESCRIPTION

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DiagPoly™ Amine Fluorescent Polystyrene Particles, Red, 4 µm (# 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

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|-------------------------|--------|
| Diameter | 4 µm |
| Functional Group | Amine |
| Concentration | 1% w/v |
| Absorption Max | 545 nm |
| Emission Max | 566 nm |

STORAGE AND SHIPPING

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|-----------------------|---|
| 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. |