

# DiagPoly™ Amine Fluorescent Polystyrene Particles, Red, 275 µm

Cat.No: DCFR-L175

## DESCRIPTION

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DiagPoly™ Amine Fluorescent Polystyrene Particles, Red, 275 µm (# DCFR-L175) 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> | 275 µm |
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| <b>Functional Group</b> | Amine |
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| <b>Concentration</b> | 1% w/v |
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| <b>Absorption Max</b> | 545 nm |
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|---------------------|--------|
| <b>Emission Max</b> | 566 nm |
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## 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. |