

# DiagPoly™ Plain Fluorescent Polystyrene Particles, Green, 100 µm

Cat.No: DFG-T032

## DESCRIPTION

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| <b>Description</b> | DiagPoly™ Plain Fluorescent Polystyrene Particles, Green, 100 µm (# DFG-T032) are encapsulated with green fluorophores (excitation: 460 nm, emission: 500 nm) and there is no additional coatings or special functional groups on the surface. The density of liquid suspension is 1.05-1.06 g/mL. Sonicate/Vortex the microspheres before each use. |
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## APPLICATION

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| <b>Application Notes</b> | Imaging and diagnostic purposes for signal enhancement and binding detection, fluid tracing, fluid mechanics studies, cell tracking, phagocytosis studies, latex agglutination tests, fluorescence microscopy, instrument calibration and biomedical technology research. |
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## PRODUCT INFORMATION

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| <b>Diameter</b>         | 100 µm |
| <b>Functional Group</b> | Plain  |
| <b>Concentration</b>    | 1% w/v |
| <b>Absorption Max</b>   | 460 nm |
| <b>Emission Max</b>     | 500 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. |
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| <b>Storage</b> | 2-8°C in the dark. Do not freeze. |
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## TECHNOTES

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| <b>TECHNOTES</b> | To achieve optimum particle suspension, resuspend by vortexing before use. |
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