

## DiagNano™ Red Fluorescent Silica Particles, 10 µm

Cat.No: DNG-L036

### DESCRIPTION

<b>Description</b>	10 µm silica particles with fluorescence dye covalently bound in the silica matrix are available with red fluorescence (excitation: 569 nm, emission: 585 nm). These particles have a hydrophilic surface with terminal Si-OH bonds.
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### APPLICATION

<b>Application Notes</b>	Fluorescent silica nanoparticles are suitable for fluorescent imaging and multimodal imaging.
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### PRODUCT INFORMATION

<b>Diameter</b>	10 µm
<b>Functional Group</b>	Hydroxyl
<b>Concentration</b>	50 mg/mL
<b>Number of Particles</b>	5.3E+7 particles/mL
<b>Absorption Max</b>	569 nm
<b>Emission Max</b>	585 nm
<b>Density</b>	1.8 g/ccm

### STORAGE AND SHIPPING

<b>Storage Buffer</b>	Suspension in water
<b>Stability</b>	Stable in aqueous buffers, organic solvents. Not stable in hydrofluoric acid, strong

basic media, e.g. 6 M NaOH.

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**Storage**

Storage at room temperature. Do not freeze!

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