

## DiagNano™ Silica Particles, 20 µm

Cat.No: DNG-B020

### DESCRIPTION

<b>Description</b>	20 µm silica nanoparticles have a hydrophilic surface with terminal Si-OH groups. The product is supplied in water or as powder on request. Size distributions: 20 ± 11.5 µm.
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### APPLICATION

<b>Application Notes</b>	Protein adsorption and separation, nucleic acid detection and purification, drug and gene delivery, imaging contrast agents construction, theranostics platform
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### PRODUCT INFORMATION

<b>Diameter</b>	20 µm
<b>Functional Group</b>	Hydroxyl
<b>Concentration</b>	50 mg/mL
<b>Number of Particles</b>	6.6E+6 particles/mL
<b>Surface Group Density</b>	0.4 µmol/g
<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.



**Storage**

Storage at room temperature. Do not freeze!

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