

## DiagNano™ Gold Nanoparticles, 80 nm

Cat.No: BG-80

### DESCRIPTION

**Description** 1 OD citric acid stabilized gold nanoparticles, absorbance max 553 nm, supplied in 0.1 mM phosphate-buffered saline. Purity: >95.0% reactant free

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### APPLICATION

**Application Notes** Passive adsorption of proteins and other ligands to form gold nanoparticle conjugates, which can be used in blotting, electron microscopy and immunohistochemistry applications.

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### PRODUCT INFORMATION

<b>Diameter</b>	80 nm
<b>Functional Group</b>	Citric acid
<b>Number of Particles</b>	7.82E+9 particles/mL
<b>Optical Density</b>	1 OD
<b>Absorption Max</b>	553 nm
<b>Size Distribution</b>	CV<10%

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### STORAGE AND SHIPPING

**Storage Buffer** Supplied in 0.1mM phosphate buffered saline (PBS)

**Storage** Store product away from direct sunlight at 4-34°C. Lower temperature prolongs the shelf life of the product. Do NOT freeze. Freezing causes irreversible aggregation of

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the gold nanoparticles.

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**Shelf Life**

The product is stable for at least six months when stored as specified.

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