

DiagNano™ Gold Nanoparticles, 5 nm

Cat.No: BG-5

DESCRIPTION

Description	1 OD tannic acid stabilized gold nanoparticles, absorbance max 515-520 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

Diameter	5 nm
Functional Group	Tannic acid
Number of Particles	5.47E+13 particles/mL
Optical Density	1 OD
Absorption Max	515-520 nm
Size Distribution	CV<15%

STORAGE AND SHIPPING

Storage Buffer	Supplied in 0.1mM phosphate buffered saline (PBS)
Storage	Store product away from direct sunlight at 4-25°C. Lower temperature prolongs the shelf life of the product. Do NOT freeze. Freezing causes irreversible aggregation of

the gold nanoparticles.

Shelf Life

When stored as specified the product is stable for at least six months.
