

DiagNano™ Transferrin conjugated Gold Nanoparticles, 50 nm

Cat.No: GCT-50

DESCRIPTION

Description	3 OD transferrin conjugated gold nanoparticles, 50 nm, supplied in 0.01M PBS (pH 7.4), 20% glycerol (v/v), 1% BSA.
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APPLICATION

Application Notes	DiagNano™ Transferrin conjugated gold nanoparticles are suitable for use in cell uptake studies and can be detected using light microscopy (requires silver enhancement), dark-field microscopy, and electron microscopy. Working dilution 1:10-1:100.
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PRODUCT INFORMATION

Diameter	50 nm
Ligand	Holo-Transferrin (Human)
Concentration	~130 µg/mL
Number of Particles	1.05E+11 particles/mL
Optical Density	3 OD
Absorption Max	535 nm

STORAGE AND SHIPPING

Storage Buffer	Supplied in 0.01M PBS (pH 7.4), 20% glycerol (v/v), 1% BSA
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Storage	Store undiluted in storage buffer at 2-8°C.
Shelf Life	The conjugate is stable for 4 months if stored as specified. Storage of conjugate at working dilution may result in performance loss.