

DiagNano™ Anti-Sheep IgG conjugated Gold Nanoparticles, 40 nm

Cat.No: GSG-40

DESCRIPTION

Description	3 OD affinity isolated rabbit anti-sheep IgG antibody conjugated gold nanoparticles, 40 nm, supplied in 20 mM Tris (pH 8.0), 150 mM NaCl, 20% glycerol (v/v), 1% BSA.
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APPLICATION

Application Notes	Gold conjugates are suitable for use in immunoblotting, light microscopy, and electron microscopy applications. Working dilution 1:5-1:100 (application dependant).
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PRODUCT INFORMATION

Diameter	40 nm
Ligand	Affinity purified anti-Sheep IgG (H+L).
Concentration	~140 µg/mL
Number of Particles	2.14E+11 particles/mL
Optical Density	3 OD
Absorption Max	530 nm

STORAGE AND SHIPPING

Storage Buffer	20 mM Tris (pH 8.0), 150 mM NaCl, 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.