

DiagNano™ Gold Nanoparticle Passive Conjugation Kit, 15 nm

Cat.No: GPK-15

DESCRIPTION

Description	Kit for passive adsorption of antibody and protein to 15 nm gold nanoparticles. Kit contains buffers and 100 mL of 15 nm gold nanoparticles.
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APPLICATION

Application Notes	Ideal for development of protein gold conjugates for use in applications such as blotting, lateral flow assays, microscopy and transmission electron microscopy (TEM).
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KIT COMPONENTS

Kit Components	Quantity	Storage
15 nm Basic Gold Nanoparticles	100mL each, conc. OD1	4°C. DO NOT FREEZE.
12 conjugation optimization buffers	1.5mL each	4°C. DO NOT FREEZE.
10% NaCl	100mL	4°C. DO NOT FREEZE.
Protein resuspension buffer	1 vial	4°C. DO NOT FREEZE.

PRODUCT INFORMATION

Diameter	15 nm
Functional Group	Tannic acid



Number of Particles	1.64E+12 particles/mL
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Optical Density	1 OD
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Absorption Max	520 nm
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STORAGE AND SHIPPING

Shelf Life	Gold nanoparticles are stable for at least 6 months if stored unopened and as specified.
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