

Specification Sheet

Protein A Gold Nanoparticles Conjugate

Stock No: NS6130-12-000369, CAS: N/A

Product	:	Protein A Gold Nanoparticles Conjugate
Stock No	:	NS6130-12-000369
Form	:	Liquid
Color	:	Color varies from dark red to brown depending on size of the particles.
Optical Density	:	3OD (conc. 5.37E+11 particles/ml)
Boiling Point	:	>100°C (water)
pH	:	8
Working dilution	:	1:25-1:100
Core Density	:	30nm
Surface Functionality	:	NHS-Ester (~ 1 NHS group/nm ²) (5kDa PEG-spacer between gold surface and NHS-group)
Particles per ml	:	~1.2E+14 (when dissolved to a final volume of 1ml)
Absorbance (lambda max)	:	515-520nm
Conjugated protein	:	Protein A (extracellular), from S. aureus
Concentration	:	OD=20 (when dissolved to a final volume of 1ml)
Supplied in	:	0.01M PBS (pH 7.4), 20% glycerol (v/v), 1% BSA
Main Inspect Verifier	:	Manager QC

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Note: Product Specification are subject to amendment and may change over time



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