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TECHNICAL DATA SHEET

NANOCS[™] Gold Nanoparticles, BSA coated

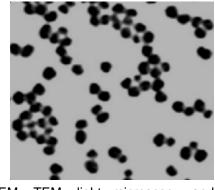
Catalog Numbers: GP2,3,5,10,15,20,30,40,50,60,80, 100, 200-BS-x

Synonym: Albumin gold, BSA gold colloidal conjugate, Colloidal gold BSA

Description:

Bovine serum albumin (BSA) coated gold nanoparticles (BSA Gold) from Nanocs are monodispersed gold

nanoparticles with narrow size distribution (<15%). **BSA** coated gold nanoparticles are stable in low salt and they are useful for generating various gold nanoparticle probes to detect various



biomolecules in SEM, TEM, light microscopy and

blotting.

Particle Concentration:

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	Particle Size	Concentration	Particles/mL
	(nm)	(mg/mL)	
	2	0.5	6.0x10 ¹⁴
	3	0.5	4.8x10 ¹⁴
	5	0.5	$2.0x10^{14}$
	10	0.5	2.8x10 ¹³
	15	0.5	5.6x10 ¹²
	20	0.5	2.8x10 ¹²
	30	0.5	8.0x10 ¹¹
	40	0.5	3.6x10 ¹¹
	50	0.5	1.8x10 ¹¹
	80	0.5	1.4x10 ¹¹
	100	0.5	$4.4x10^{10}$
	150	0.5	$2.4x10^{10}$
	200	0.5	6.9x10 ⁹

Product Specifications:

Appearance: Purple, red or orange liquid depends on size;

 Composition: Spherical gold nanoparticles with BSA coating;

Particle size: 2~200 nm as labeled;

 Concentration: 0.1 mg/mL (0.01% v/w) based on gold salt;

Storage Conditions:

BSA coated gold nanoparticles should be stored at 2~8 °C for best use.

This product is for research use only and is not intended for use in humans or for diagnostic use.

To Order:

Order online: www.nanocs.net

Order by Email: sales@nanocs.com

Order by phone: 1(800) 388-4221; 1(888)

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