

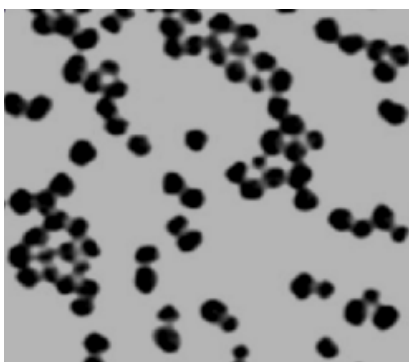
**TECHNICAL DATA SHEET****NANOCS™ Gold Nanoparticles, BSA coated**

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:**

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

**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](http://www.nanocs.net)Order by Email: [sales@nanocs.com](mailto:sales@nanocs.com)

Order by phone: 1(800) 388-4221; 1(888) 908-8803

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