

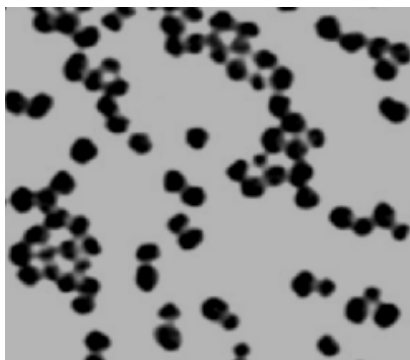
TECHNICAL DATA SHEET**NANOCS™ Streptavidin Conjugated Gold Nanoparticles**

Catalog Numbers: GNA-2,3,5,10,15,20,30,40,50,60,80

Description:

Nanocs' spherical gold nanoparticles are monodispersed gold nanoparticles with narrow size distribution (<15%). These particles were made from chemical reduction in de-ionized water solution.

Streptavidin conjugated gold nanoparticles can bind to biotin molecule with high affinity. Nanocs also developed a



number of surface coated nanoparticles that provide superior stability and multifunctionality. These particles 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	7.5×10^{15}
3	0.5	6.0×10^{15}
5	0.5	2.5×10^{14}
10	0.5	2.8×10^{13}
15	0.5	6.0×10^{12}
20	0.5	3.5×10^{12}
30	0.5	1.0×10^{12}
40	0.5	4.5×10^{11}
50	0.5	2.3×10^{11}
80	0.5	1.3×10^{11}
100	0.5	5.5×10^{10}

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

Product Specifications:

- Appearance: Red, purple red or orange liquid depends on size;
- Composition: Nanoparticles in 50 mM phosphate buffer, pH 7.4 with 10% glycerol, 0.1% BSA and 0.01% sodium azide;
- Particle size: 2~100 nm as labeled;
- Concentration: 0.05% (w/v) based on Au. Around 25~30 ug streptavidin per mL solution.

Storage Conditions:

Product should be stored at 2~8 °C for best use.

To Order:

Order online: www.nanocs.net

Order by Email: sales@nanocs.com

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

For more information, visit www.nanocs.net

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