

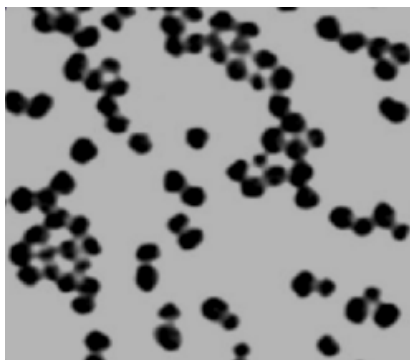
TECHNICAL DATA SHEET**NANOCS™ Gold Nanoparticles**

Catalog Numbers: GP01-2,3,5,10,15,20,30,40,50,60,80,100,150,200-XX

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. A number of surface coated nanoparticles have been developed by Nanocs to 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	0.1	1.5×10^{14}
3	0.1	1.2×10^{14}
5	0.1	5.0×10^{13}
10	0.1	5.7×10^{12}
15	0.1	1.4×10^{12}
20	0.1	7.0×10^{11}
30	0.1	2.0×10^{11}
40	0.1	9.0×10^{10}
50	0.1	4.5×10^{10}
80	0.1	2.6×10^{10}
100	0.1	1.1×10^{10}
150	0.1	5.6×10^9
200	0.1	1.7×10^9

Product Specifications:

- Appearance: Red, purple red or orange liquid depends on size;
- Composition: Spherical gold nanoparticles in de-ionized water with small amount of citrate;
- Particle size: 2~200 nm as labeled;
- Concentration: 0.1 mg/mL (0.01% v/w) based on gold;

Storage Conditions:

Product 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) 908-8803

For more information, visit www.nanocs.net