

AccuGoldSol™ Gold Nano Colloid

Product Descriptions

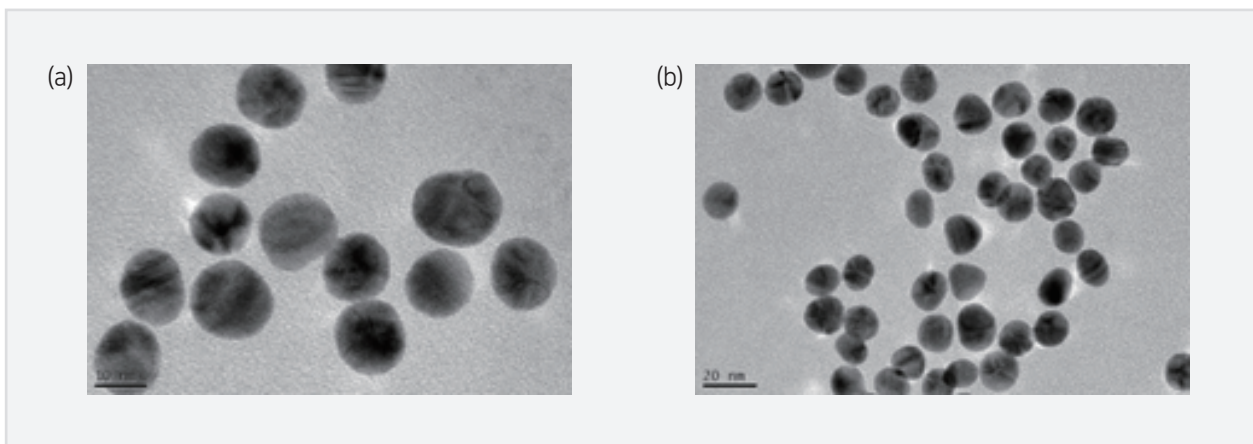
Gold nano colloid has a nano-shaped small particle size (5~15 nm), is dispersed in water, safe to use, non-toxic, odorless, and environmentally friendly. The applications for this product are additives and preservatives in cosmetics, such as whitening, anti-aging, and skin emollients. Other uses are medical equipment, health products, beauty device, antibacterial products, and it can also be applied to a biosensor and diagnostic reagent by combining other chemicals on the gold nano surface

The Features of AccuGoldSol™

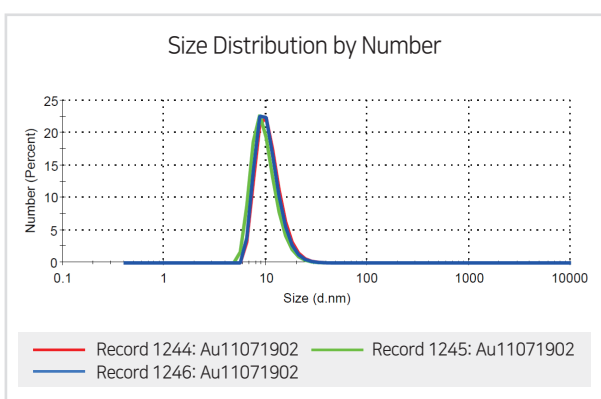
- Uniformed size and high stability during suspension
- Spherical shape with high purity and narrow particle size distribution
- Particle surface that can be easily combined with compounds, and can be applied as diagnostic reagents or biosensors
- A large-capacity reactor for mass production

Properties	AccuGoldSol™
Gold Concentration (ppm)	100
Average Particle Size (nm)	5~15
Solvent	Water, Organic Stabilizer
Dispersed Colloid Color	Light red

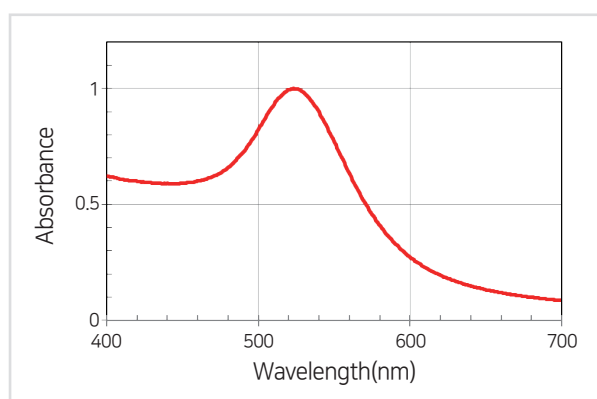




AccuGoldSol™ TEM images with Scale bars: 10nm (a) and 20 nm (b), respectively



AccuGoldSol™ : Size distribution diagram



AccuGoldSol™ : UV-VIS Absorption spectrum ($\lambda_{max} = 523\text{nm}$)

Ordering Information

Contact our Sales for bulk order (sales@bioneer.co.kr)

Cat.No.	Product Descriptions	Pack size	List Price
Gold Nano Colloid:			
TM-3010-1	Gold Nano Colloid in water 100 ppm	60 ml	US\$150
TM-3010-2	Gold Nano Colloid in water 100 ppm	400 ml	US\$250
TM-3010-3	Gold Nano Colloid in water 100 ppm	800 ml	US\$390

Contact Us

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