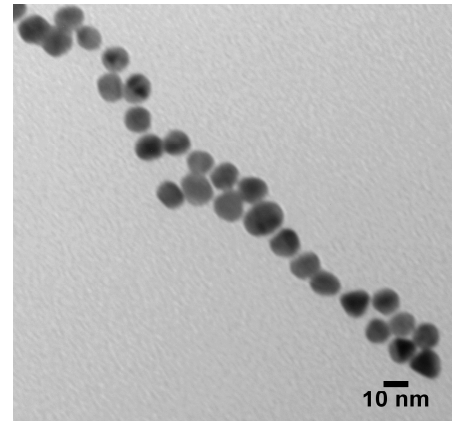
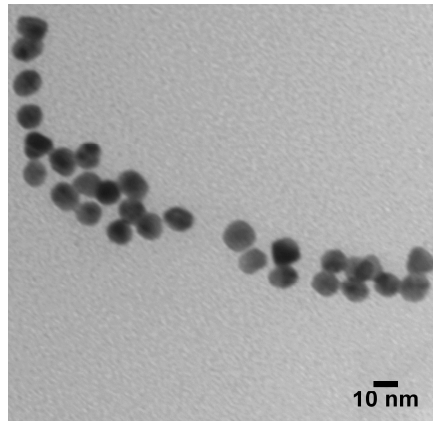
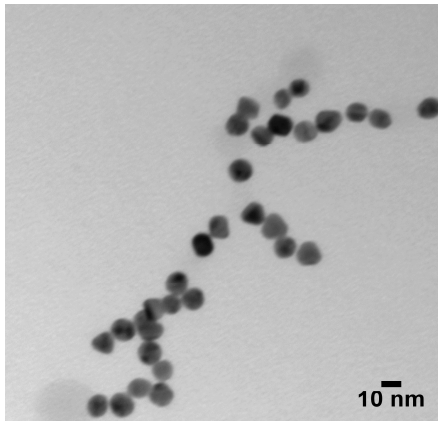


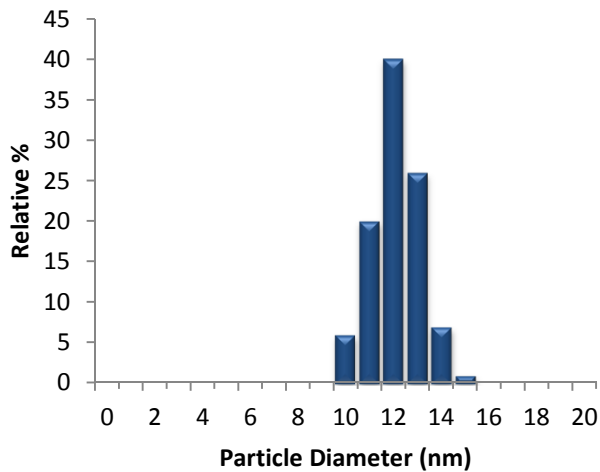
12 nm Gold Nanospheres, Citrate, NanoXact™

Lot Number: ECP1624

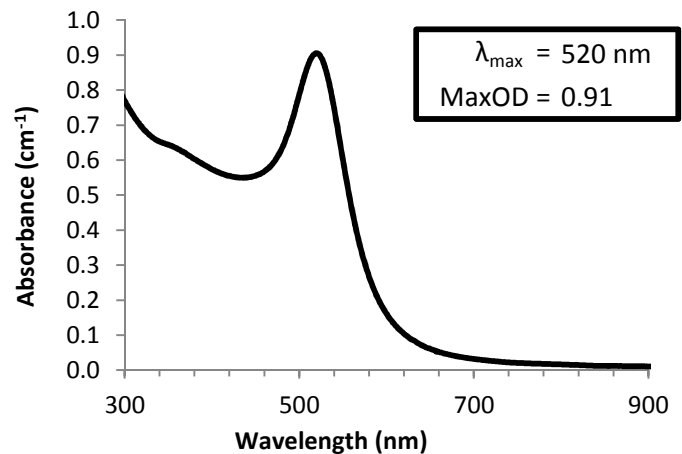
Diameter (TEM):	11.6 ± 1 nm	Hydrodynamic Diameter:	14 nm
Coefficient of Variation:	8.4 %	Zeta Potential:	-35 mV
Surface Area (TEM):	26.4 m ² /g	pH of Solution:	7.7
Mass Concentration (Au):	0.053 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	3.3E+12 particles/mL	Particle Surface:	Sodium Citrate
		Solvent:	Aqueous 2mM Citrate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage: 2-8 °C. DO NOT FREEZE.