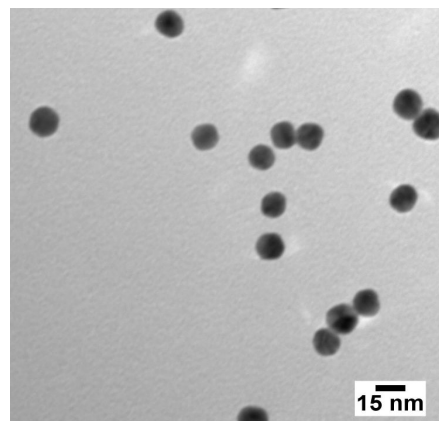
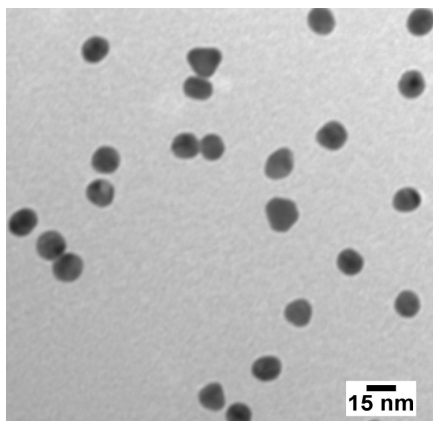
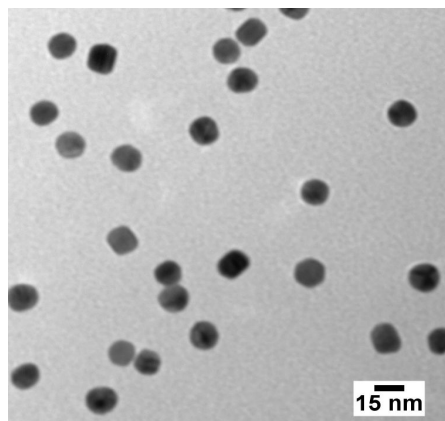


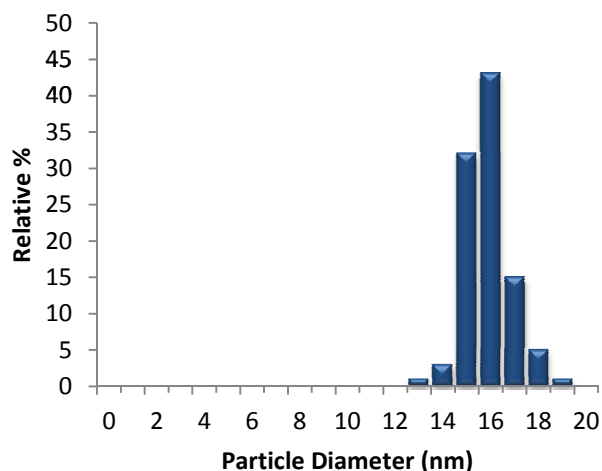
15 nm Citrate NanoXact™ Gold

Lot Number: ECP1411

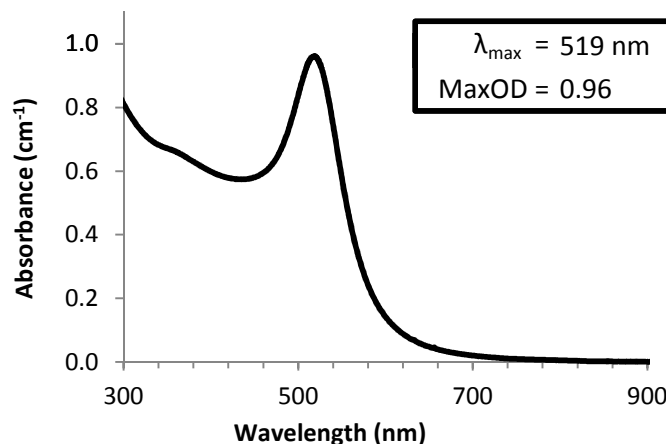
Diameter (TEM):	15.4 ± 1.0 nm	Hydrodynamic Diameter:	19 nm
Coefficient of Variation:	6.5 %	Zeta Potential:	-37 mV
Surface Area (TEM):	20.1 m ² /g	pH of Solution:	7.7
Mass Concentration (Au):	0.053 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	1.4E+12 particles/mL	Particle Surface:	Sodium Citrate
		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: 4-25 °C. DO NOT FREEZE.