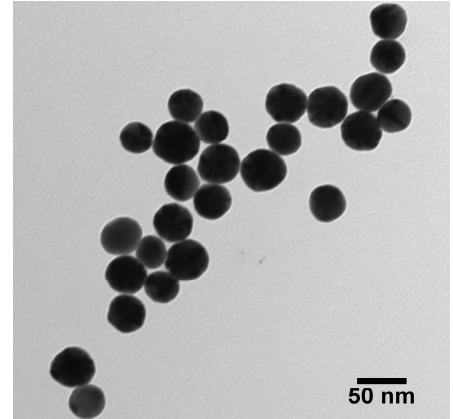
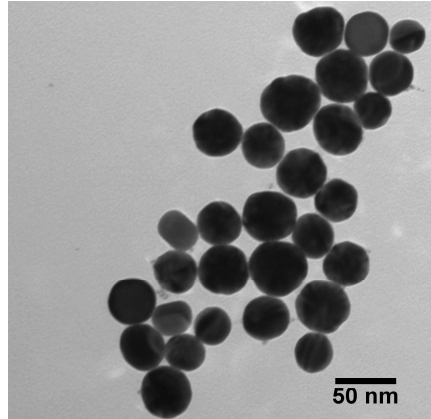
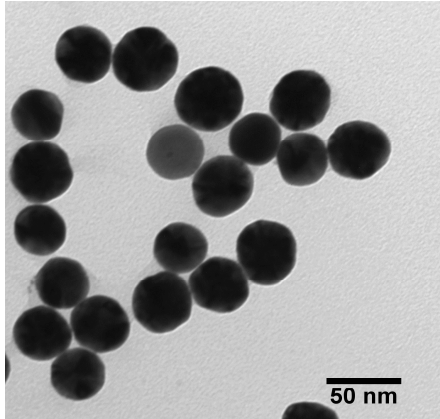


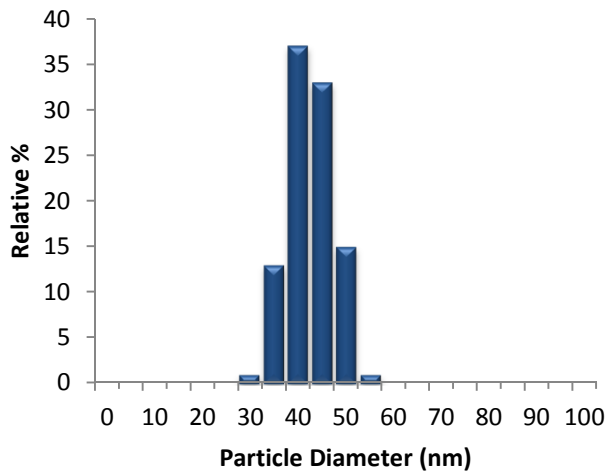
40 nm Gold Nanospheres, Citrate, NanoXact™

Lot Number: ECP1555

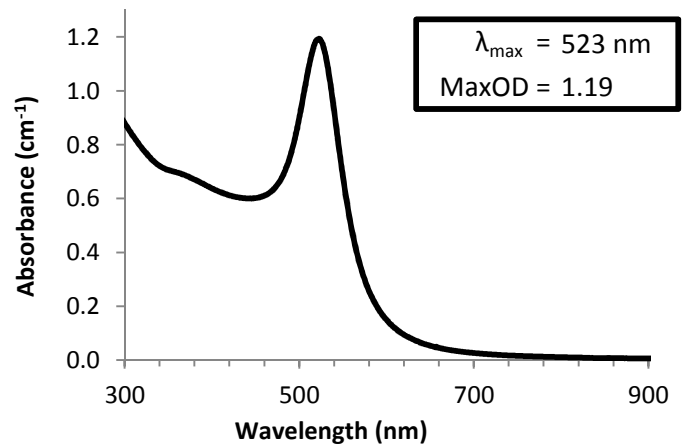
Diameter (TEM):	40 ± 5 nm	Hydrodynamic Diameter:	45 nm
Coefficient of Variation:	11.3 %	Zeta Potential:	-54 mV
Surface Area (TEM):	7.6 m ² /g	pH of Solution:	8.3
Mass Concentration (Au):	0.052 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	8.1E+10 particles/mL	Particle Surface:	Sodium Citrate
		Solvent:	Aqueous 2mM Citrate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Thermo Fisher X Series 2 ICP-MS

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

Storage: 2-8 °C. DO NOT FREEZE.