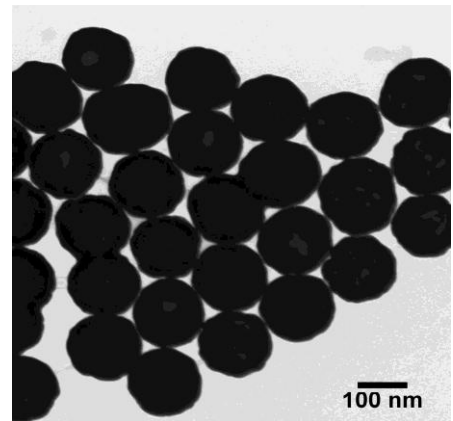
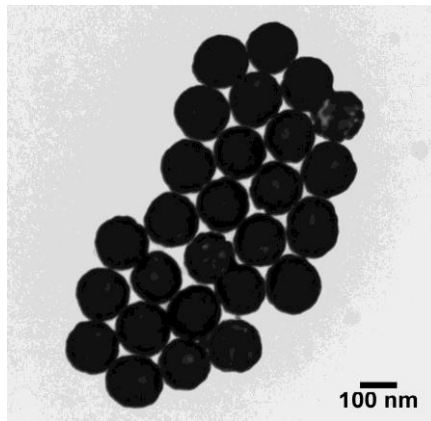
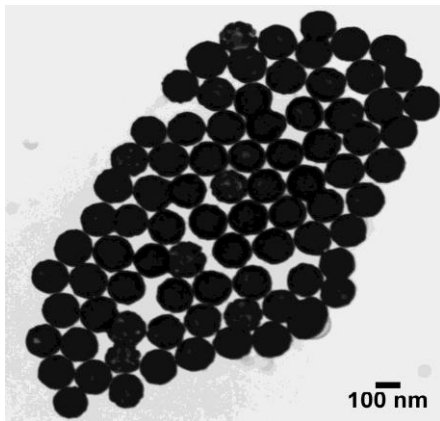


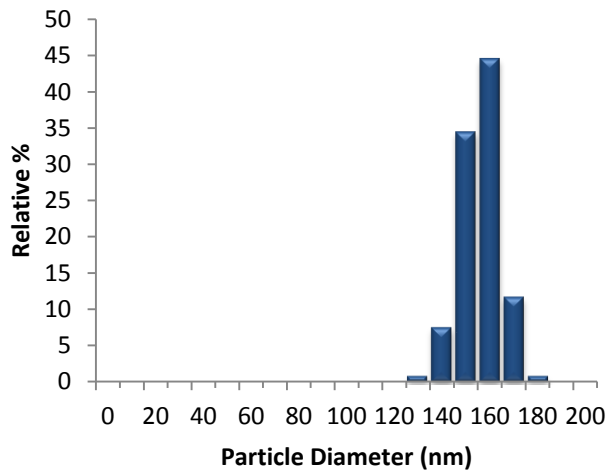
800 nm Resonant Gold Nanoshells, PEG

Lot Number: JMW1976

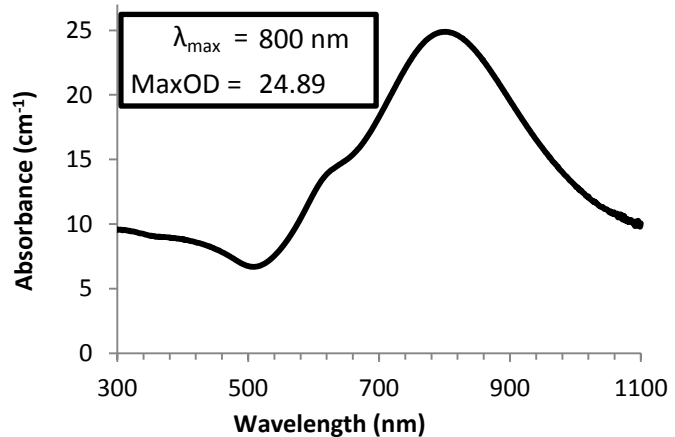
Total Diameter (TEM):	151.3 ± 7.7 nm	Mass Concentration (Au):	1.03 mg/mL
Coefficient of Variation:	5.1 %	Hydrodynamic Diameter:	188.4 nm
Core Diameter (TEM):	119.7 ± 8.9 nm	Zeta Potential:	-27.3 mV
Shell Thickness (Calc'd):	16.0 nm	pH of Solution:	5.7
Surface Area (Calc'd):	2.0 m ² /g	Particle Surface:	mPEG 5 kDa
Particle Concentration:	5.8E+10 particles/mL	Solvent:	Milli-Q Water



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.

Shake vigorously before use. Bath sonicate if needed. Storage: 4-8 °C. DO NOT FREEZE.