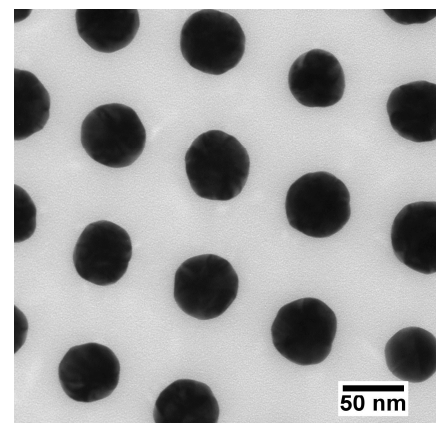
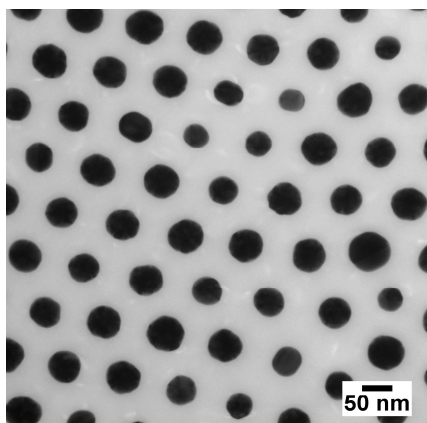
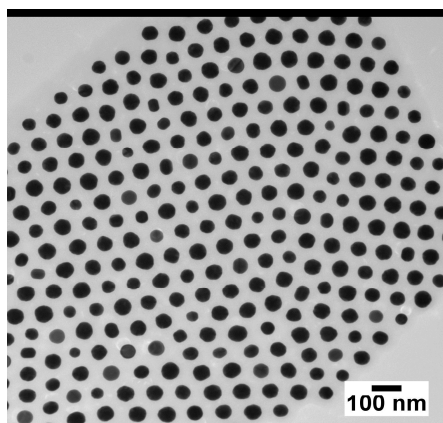


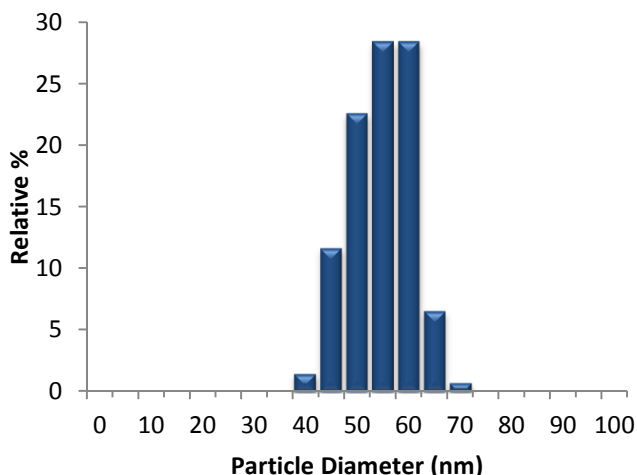
50 nm Gold Nanospheres, Polystyrene, NanoXact™

Lot Number: JLF0007B

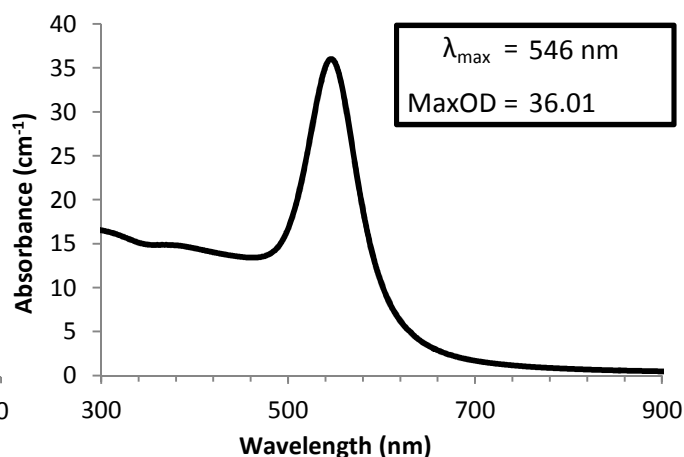
Diameter (TEM):	52 ± 6 nm	Particle Surface:	Polystyrene 50 kDa
Coefficient of Variation:	11.0 %	Solvent:	Toluene
Mass Concentration (Au):	1.09 mg/mL	Hydrodynamic Diameter:	149 nm
Particle Concentration (Calc'd):	7.6E+11 particles/mL		
Molar Particle Concentration:	1.3E-09 particle # (mol/L)		



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:	Malvern Zetasizer Nano ZS

Shake vigorously before use. Bath sonicate if needed. Recommended Storage: 2-8 °C.
DO NOT FREEZE.