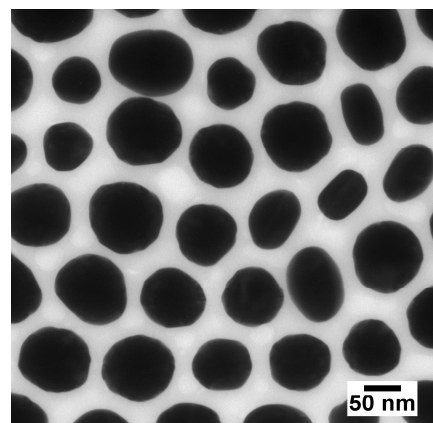
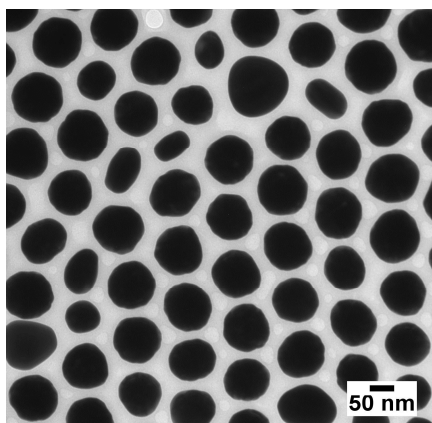
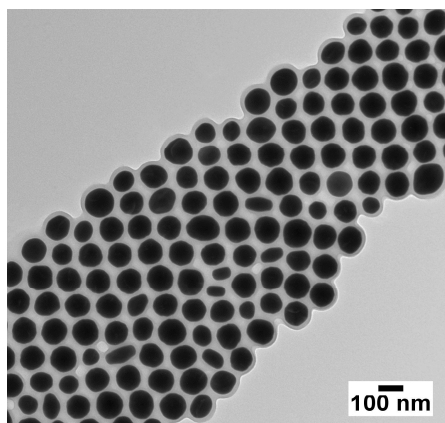


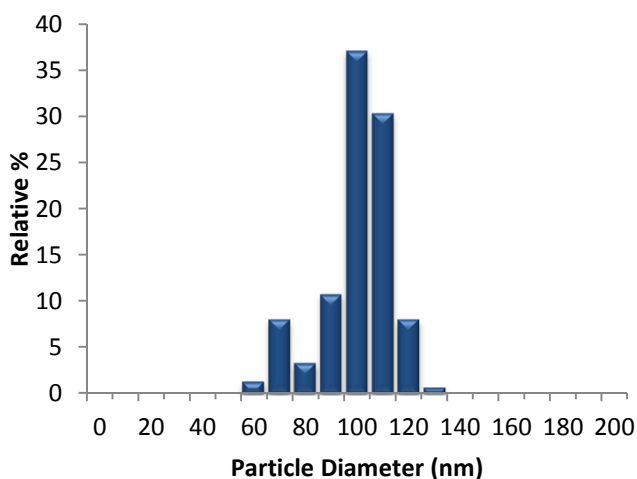
# 100 nm Gold Nanospheres, Polystyrene, NanoXact™

Lot Number: JLF0007C

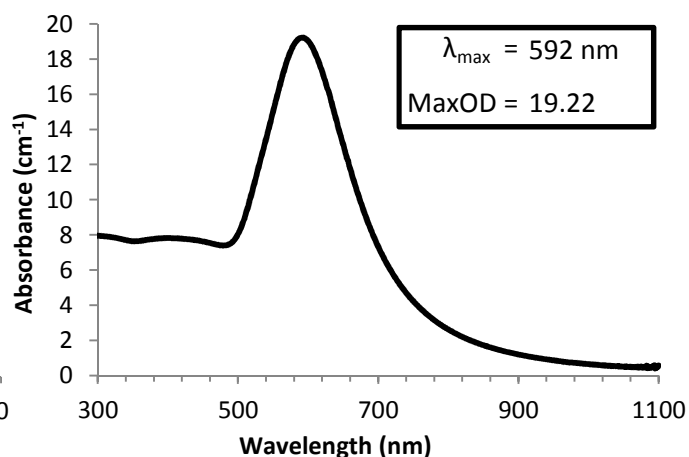
<b>Diameter (TEM):</b>	95 ± 13 nm	<b>Particle Surface:</b>	Polystyrene 50 kDa
<b>Coefficient of Variation:</b>	13.9 %	<b>Solvent:</b>	Toluene
<b>Mass Concentration (Au):</b>	1.00 mg/mL	<b>Hydrodynamic Diameter:</b>	194 nm
<b>Particle Concentration (Calc'd):</b>	1.1E+11 particles/mL		
<b>Molar Particle Concentration:</b>	1.9E-10 particle # (mol/L)		



## Size Distribution



## Optical Properties



### Characterization Instrumentation

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

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