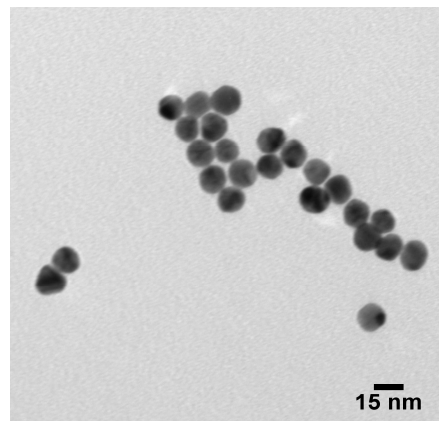
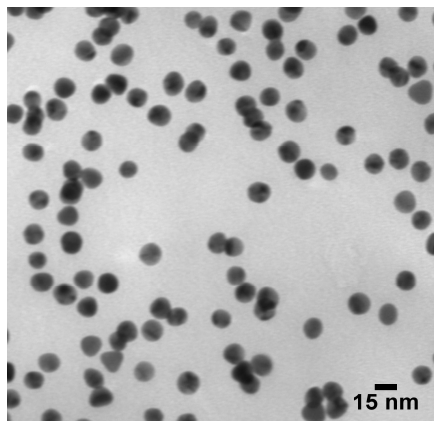
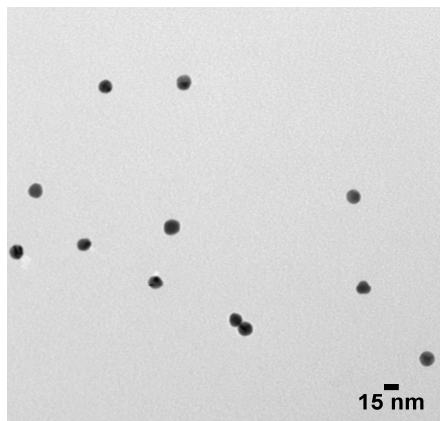


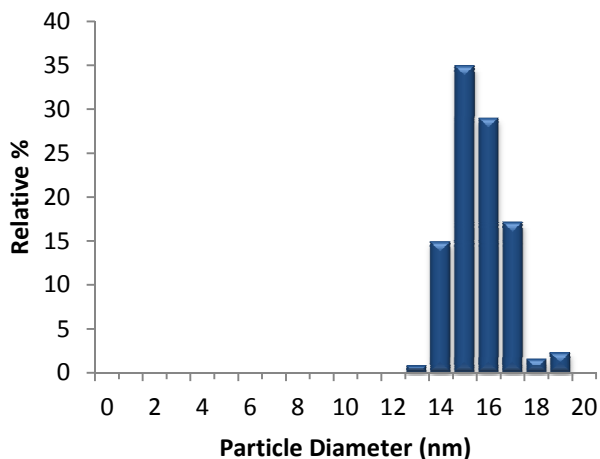
# 15 nm bPEI NanoXact™ Gold

**Lot Number: JCP1168**

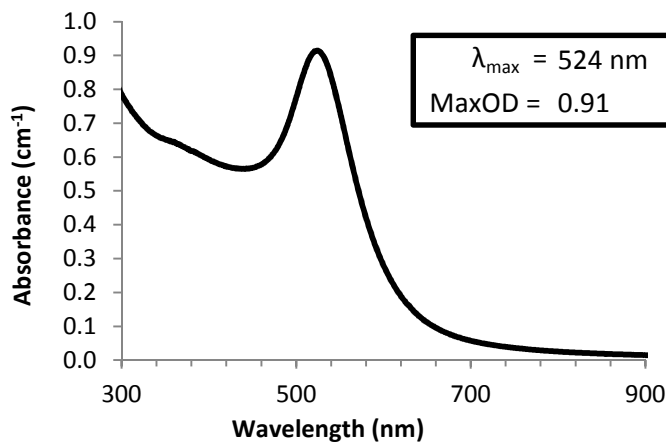
<b>Diameter (TEM):</b>	15.1 ± 1.1 nm	<b>Hydrodynamic Diameter:</b>	53.0 nm
<b>Coefficient of Variation:</b>	7.4 %	<b>Zeta Potential:</b>	44.8 mV
<b>Surface Area (TEM):</b>	20.4 m <sup>2</sup> /g	<b>pH of Solution:</b>	6.6
<b>Mass Concentration (Au):</b>	0.052 mg/mL	<b>Particle Surface:</b>	bPEI
<b>Particle Concentration:</b>	1.5E+12 particles/mL	<b>Solvent:</b>	Milli-Q Water



## 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/Zeta Potential:</b>	Malvern Zetasizer Nano ZS.

Storage and Handling: 4 °C away from light. DO NOT FREEZE.