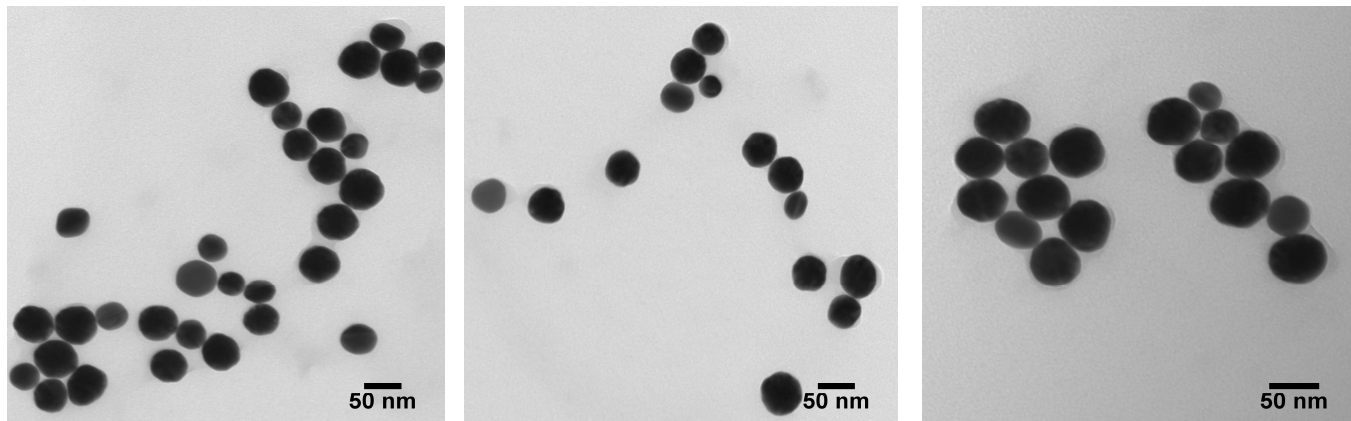


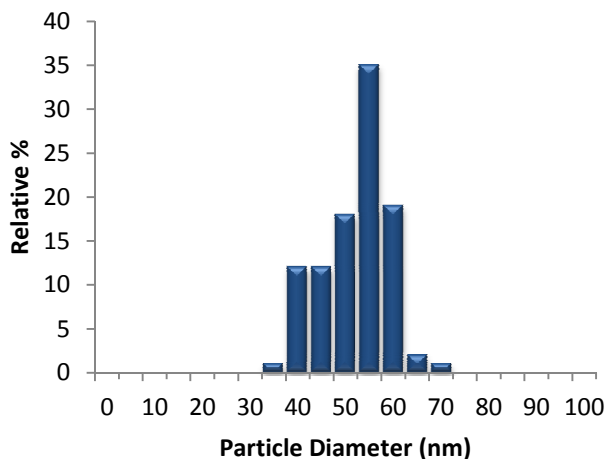
50 nm bPEI NanoXact™ Gold

Lot Number: DMW0060

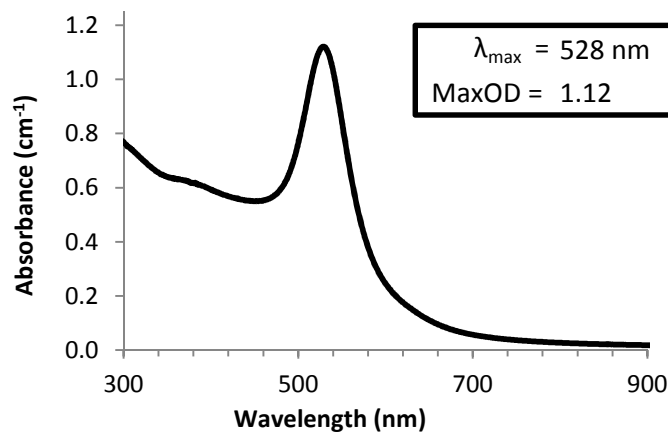
Diameter (TEM):	49.5 ± 6.6 nm	Hydrodynamic Diameter:	75.5 nm
Coefficient of Variation:	13.3 %	Zeta Potential:	24.8 mV
Surface Area (TEM):	6.1 m ² /g	pH of Solution:	6.3
Mass Concentration (Au):	0.052 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	4.3E+10 particles/mL	Particle Surface:	bPEI
		Solvent:	Milli-Q Water



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/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage: 4-25 °C. DO NOT FREEZE.