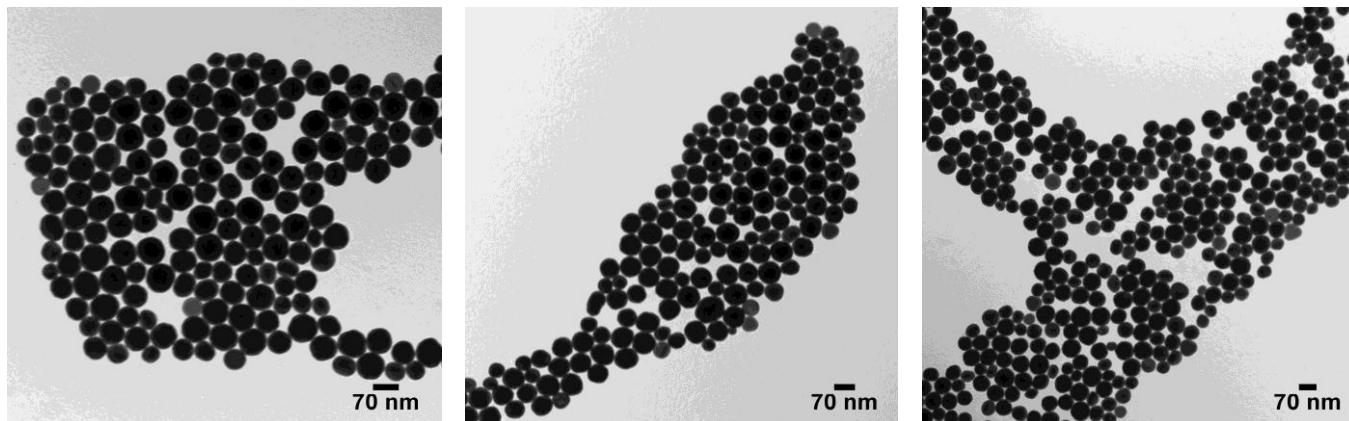


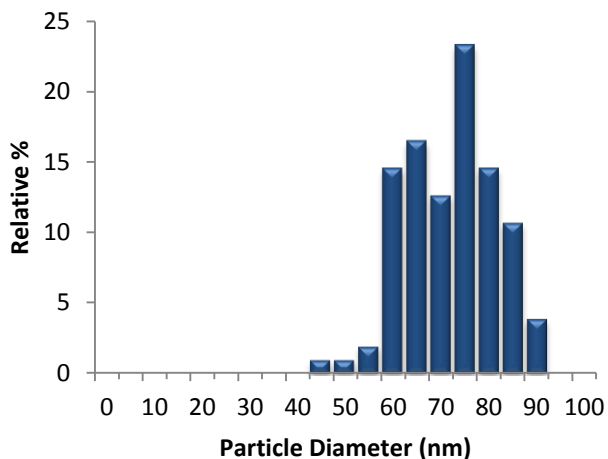
70 nm PEG NanoXact™ Gold

Lot Number: KJW1839

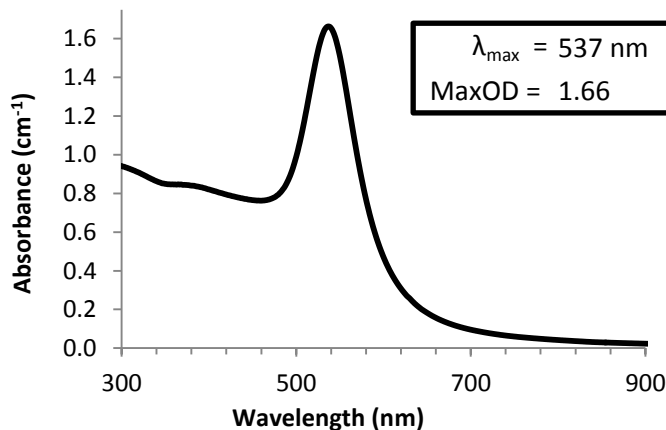
Diameter (TEM):	69.3 ± 9.3 nm	Hydrodynamic Diameter:	100.1 nm
Coefficient of Variation:	13.4 %	Zeta Potential:	-35.3 mV
Surface Area (TEM):	4.3 m ² /g	pH of Solution:	6.8
Mass Concentration (Au):	0.054 mg/mL	Particle Surface:	mPEG 5 kDa
Particle Concentration:	1.6E+10 particles/mL	Solvent:	Milli-Q Water



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