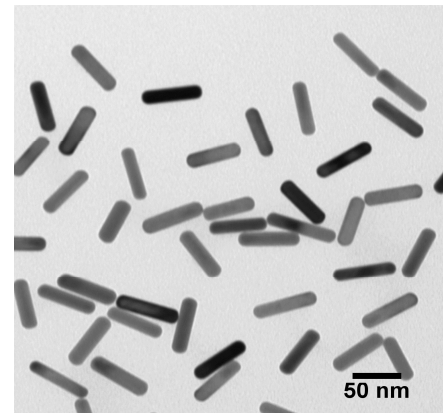
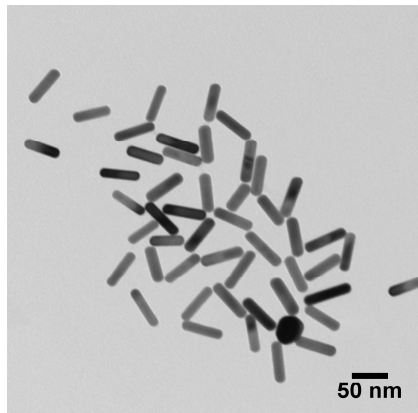
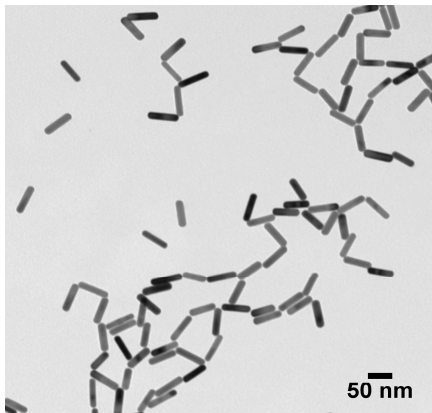


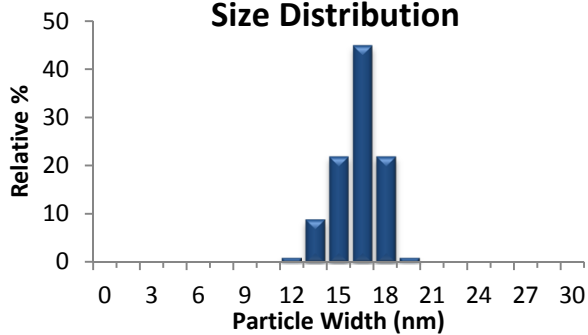
800 nm Resonant Gold Nanorods, Citrate, NanoXact™, 1 OD

Lot Number: ECP1550

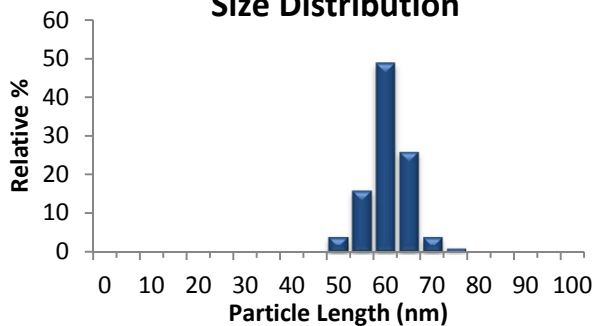
Average Length (TEM):	58.4 ± 4.4 nm	Mass Concentration (Au):	0.016 mg/mL
CV, Length:	7.5 %	Particle Concentration:	1.03E+11 parts/mL
Average Width (TEM):	15.5 ± 1.4 nm	Hydrodynamic Diameter:	7 nm
CV, Width:	8.9 %	Zeta Potential:	-42 mV
Average Aspect Ratio:	3.80	pH of Solution:	5.9
% Absorbance at 800 nm:	99.4 %	Particle Surface:	Sodium Citrate
OD at 800 nm:	1.08	Solvent:	Milli-Q Water



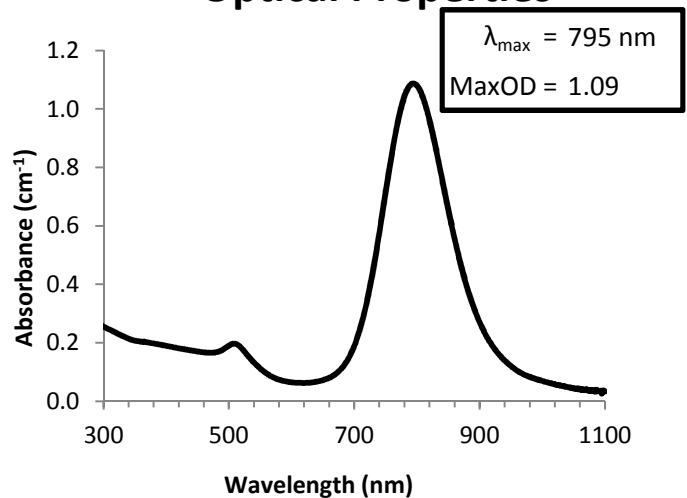
Size Distribution



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: 2-8 °C. DO NOT FREEZE.