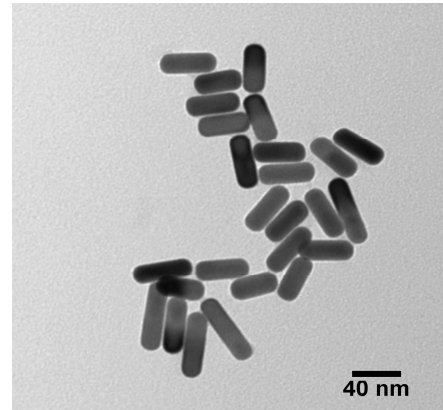
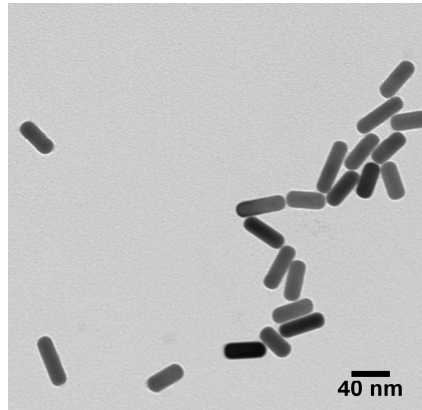
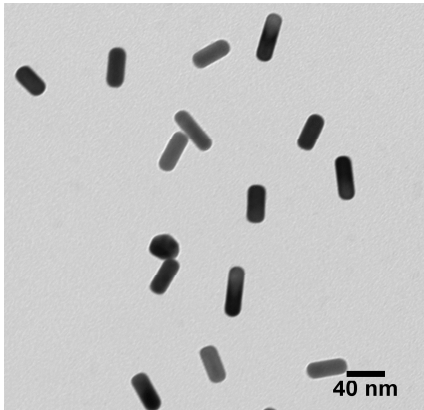


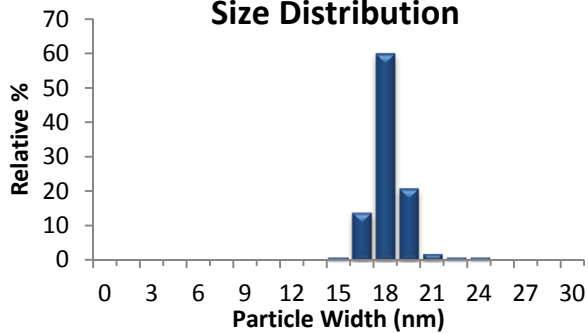
660 nm Resonant Gold Nanorods, Citrate, NanoXact™, 1 OD

Lot Number: HKE0064

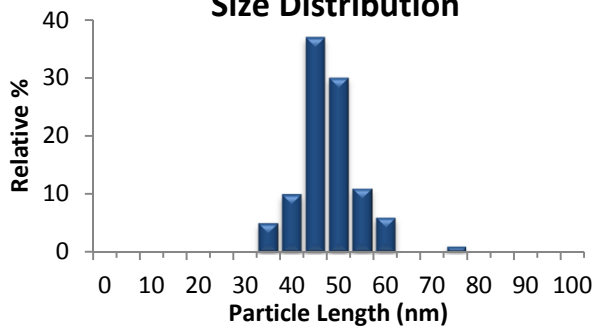
Average Length (TEM):	45.5 ± 6.3 nm	Mass Concentration (Au):	0.031 mg/mL
CV, Length:	13.9 %	Particle Concentration:	2.36E+11 parts/mL
Average Width (TEM):	17.4 ± 1.2 nm	Hydrodynamic Diameter:	13 nm
CV, Width:	6.7 %	Zeta Potential:	-67 mV
Average Aspect Ratio:	2.6	pH of Solution:	6.2
% Absorbance at 660 nm:	97.4 %	Particle Surface:	Sodium Citrate
OD at 660 nm:	1.06	Solvent:	Milli-Q Water



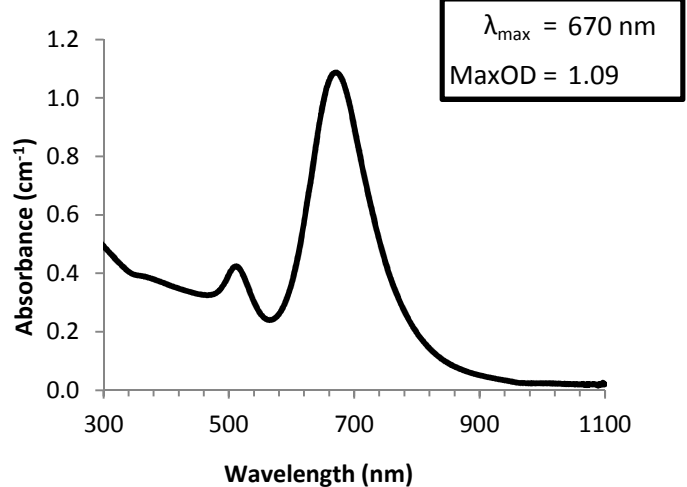
Size Distribution



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.