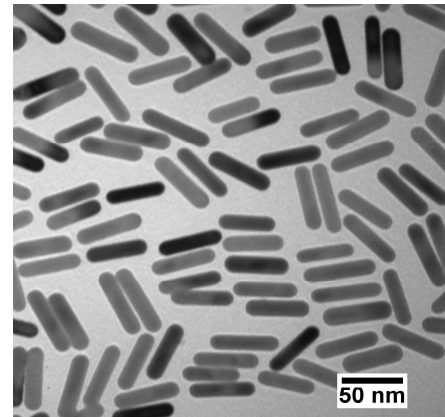
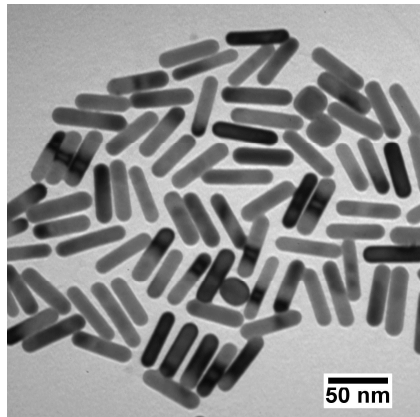
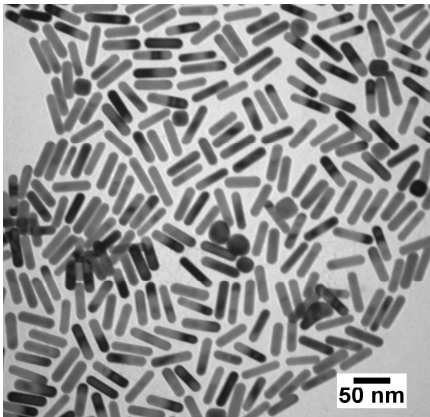


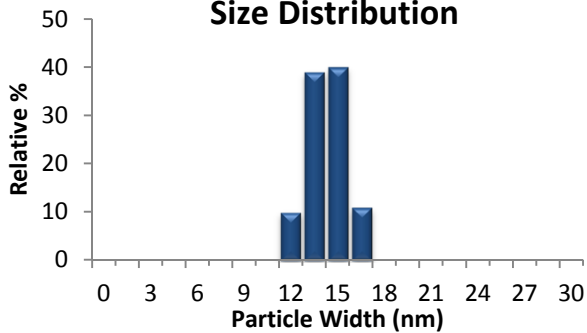
800 nm Resonant Gold Nanorods, PEG, NanoXact™, 1 OD

Lot Number: ECP1585

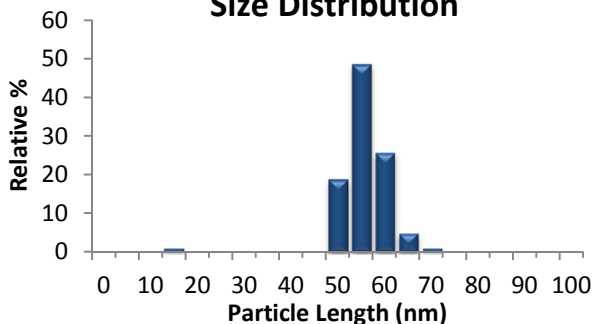
Average Length (TEM):	53.5 ± 4.0 nm	Mass Concentration (Au):	0.02 mg/mL
CV, Length:	7.4 %	Particle Concentration:	1.57E+11 parts/mL
Average Width (TEM):	13.5 ± 1.2 nm	Hydrodynamic Diameter:	10 nm
CV, Width:	8.6 %	Zeta Potential:	-23 mV
Average Aspect Ratio:	3.98	pH of Solution:	6.0
% Absorbance at 800 nm:	94.8 %	Particle Surface:	mPEG 5 kDa
OD at 800 nm:	1.04	Solvent:	Milli-Q Water



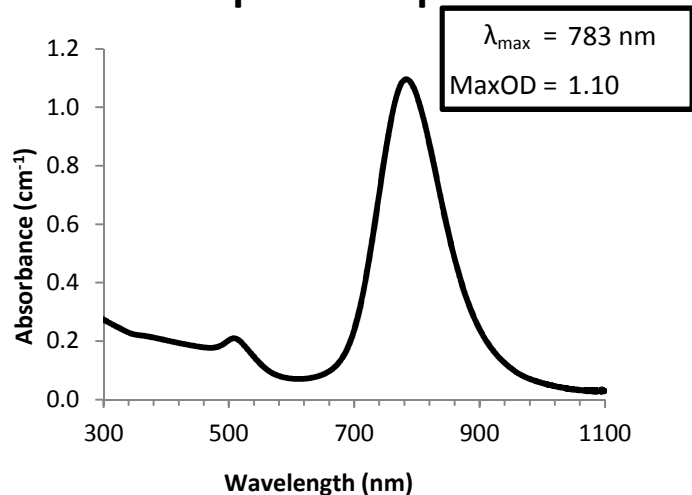
Size Distribution



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.