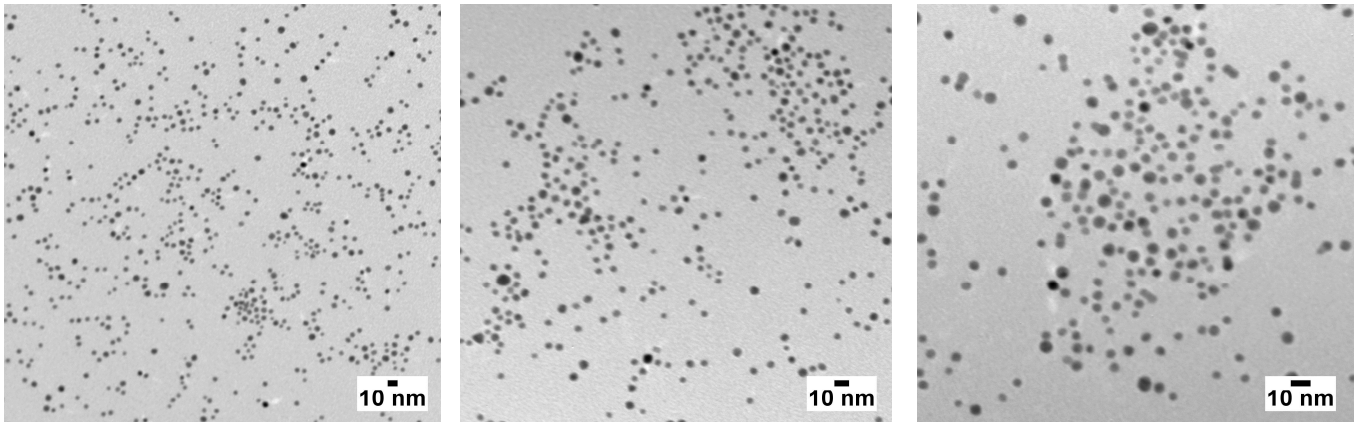
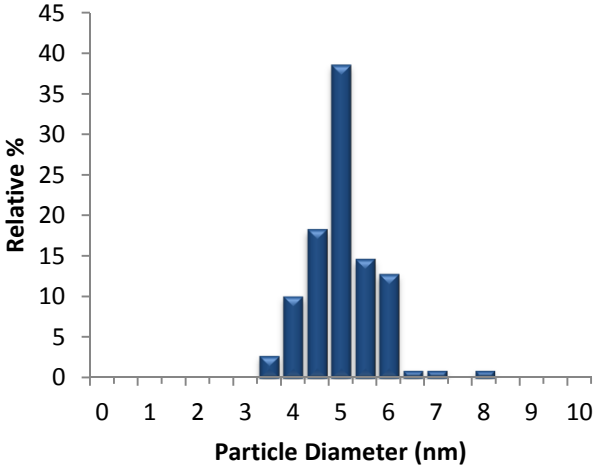
5 nm Gold Nanospheres, Tannic Acid, NanoXact™

Lot Number: ECP1568

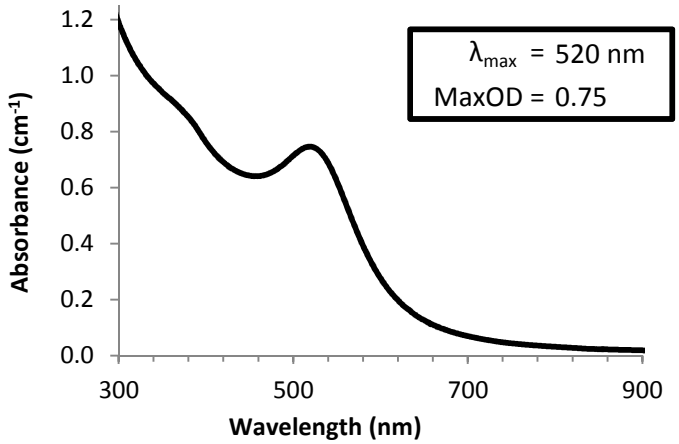
Diameter (TEM):	4.7 ± 0.7 nm	**Hydrodynamic Diameter:**	Not Reported*
Coefficient of Variation:	14.7 %	**Zeta Potential:**	Not Reported*
Surface Area (TEM):	63.3 m^2/g	**pH of Solution:**	5.4
Mass Concentration (Au):	0.051 mg/mL	**Gold Purity:**	99.99 %
Particle Concentration:	4.9E+13 particles/mL	**Particle Surface:**	Tannic Acid
		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

Storage: 2-8 °C. DO NOT FREEZE.

*For small diameter nanoparticles, DLS and Zeta Potential are not reported when the concentration is too low to get sufficient scattered light for an accurate measurement

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