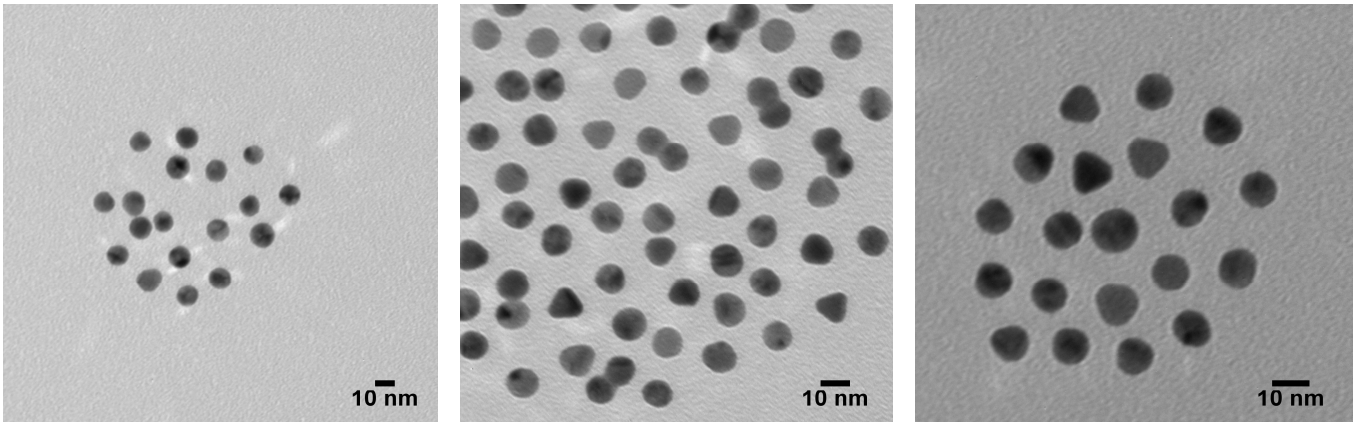
nanoComposix

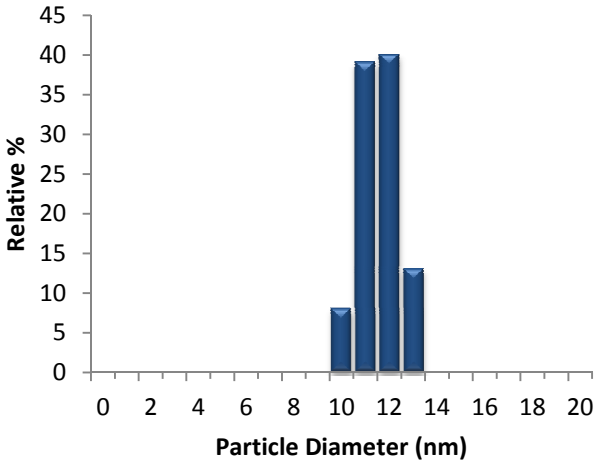
10 nm PEG BioPure™ Gold

Lot Number: MXR0019

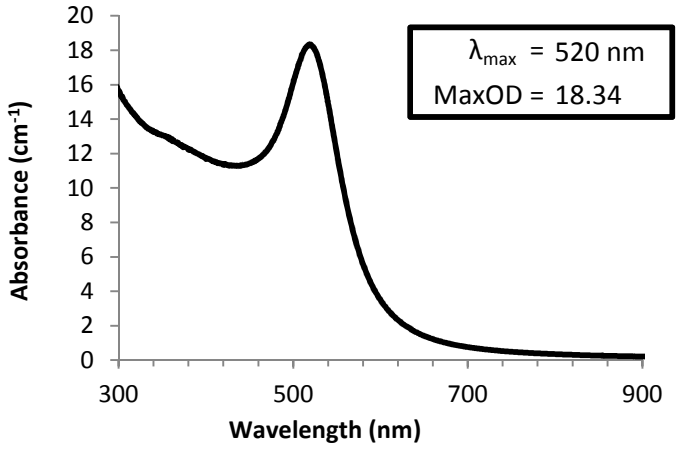
Diameter (TEM):	11.0 ± 0.7 nm	**Hydrodynamic Diameter:**	37.1 nm
Coefficient of Variation:	6.4 %	**Zeta Potential:**	-15.7 mV
Surface Area (TEM):	27.9 m^2/g	**pH of Solution:**	5.6
Mass Concentration (Au):	1.07 mg/mL	**Gold Purity:**	99.99 %
Particle Concentration:	7.8E+13 particles/mL	**Particle Surface:**	mPEG 5 kDa
Endotoxin Concentration:	< 2.5 EU/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: 4-25 °C. DO NOT FREEZE.

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