

# icollid Au 10 nm

## Specifications

Dispersion medium	Water
Average particle size	11 nm
Size tolerance	$\pm 2$ nm
Polydispersity	< 1.4
Zeta potential	< -35 mV
Concentration at OD1	$5 \pm 3$ nM
Particles/mL at OD1	$3.0 \pm 1.8 \times 10^{12}$
Optical density	1, 3
Volume	50, 100, 250 mL
Conductivity	< 10 $\mu$ S/cm

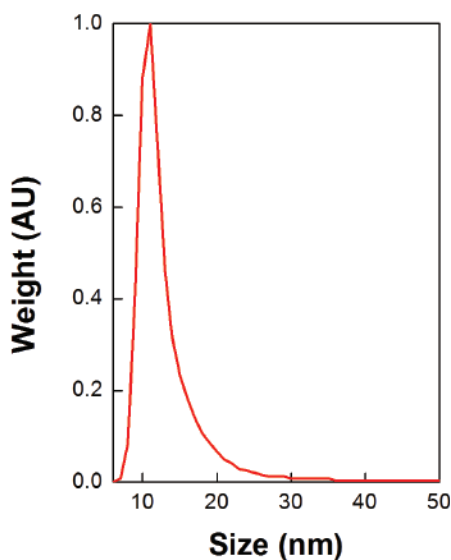
## Features

- No capping agents or surfactants
- High biomolecule conjugation efficiency
- Available with numerous functional groups
- Custom conjugation upon request

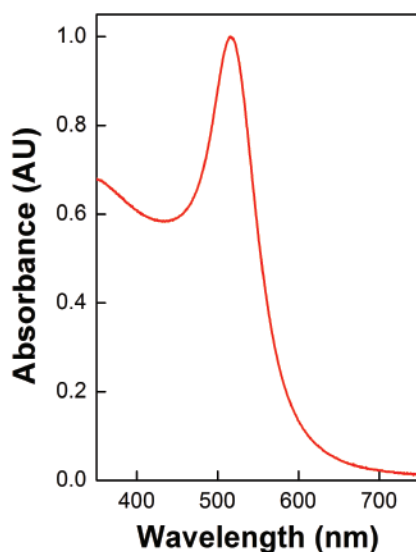
## Potential applications

- Immunostaining
- Cellular imaging
- Lateral flow assays
- SERS substrates

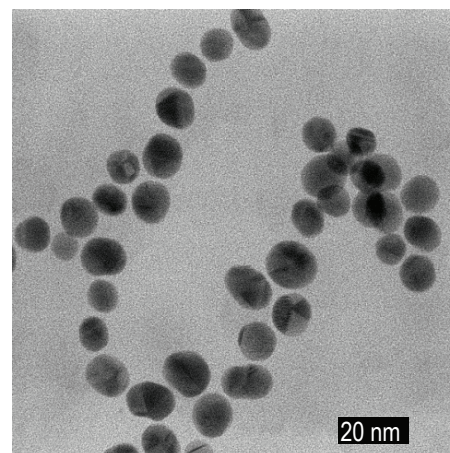
Particle size distribution  
(measured by disc centrifuge)



Optical absorption spectrum



Transmission electron micrograph



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