

# Supporting Information

*for*

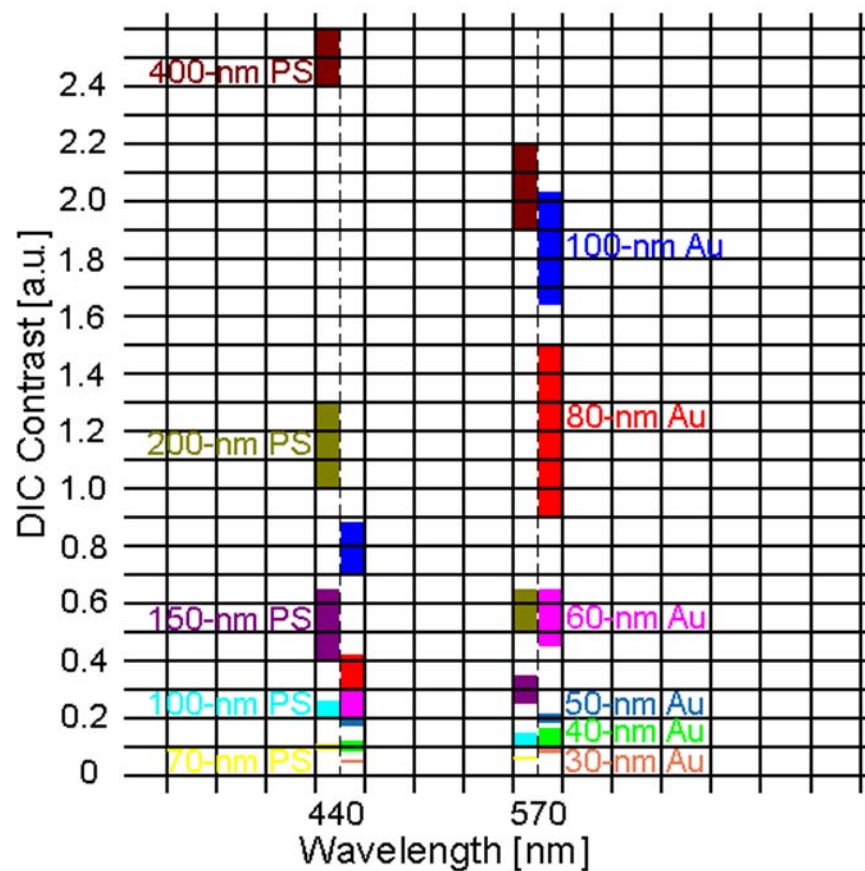
## Wavelength-Dependent Differential Interference Contrast Microscopy: Multiplexing Detection Using Non-fluorescent Nanoparticles

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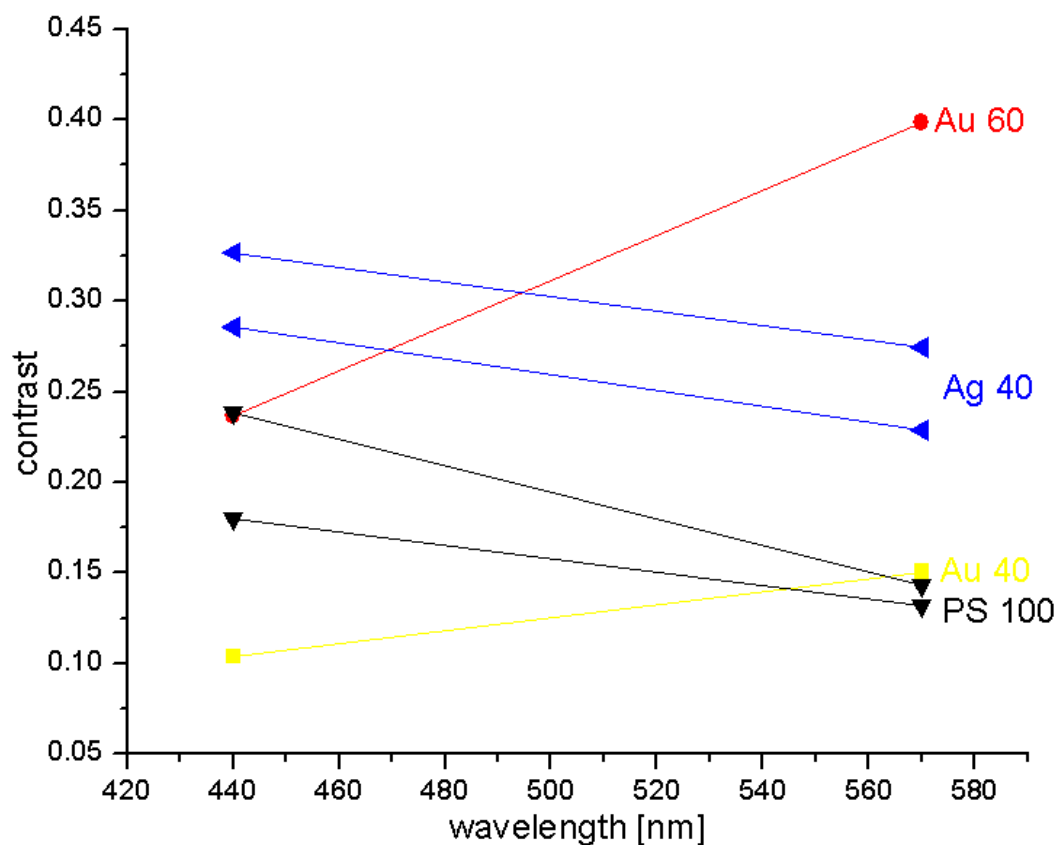
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**Figure S1.** DIC contrast distributions of gold nanoparticles of 6 sizes and PS nanoparticles of 5 sizes at the wavelengths of 440 and 570 nm. The color bars indicate the contrast distributions.



**Figure S2.** Analysis of DIC contrasts of single nanoparticles adhered on the cell membrane at 440 nm and 570 nm. The red, blue, yellow, and black colors indicate Au-60, Ag-40, Au-40, and PS-100, respectively. These nanoparticles are pointed out by the arrows of same color in Figure 5.