

Magnetic Immunoassay Based on Au Pt Bimetallic Nanoparticles/Carbon Nanotube Hybrids for Sensitive Detection of Tetracycline Antibiotics

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Figure S1. TEM images of Au@Pt using 20mM HAuCl₄ and certain concentration of K₂PtCl₆.

Figure S2. TEM images of Au@Pt using 30mM K₂PtCl₆ and certain concentration of HAuCl₄.

Figure S3. Absorbance of Au@Pt at different concentration of K₂PtCl₆ and HAuCl₄.

Figure S4. DLS analysis of Au@Pt at optimal condition.

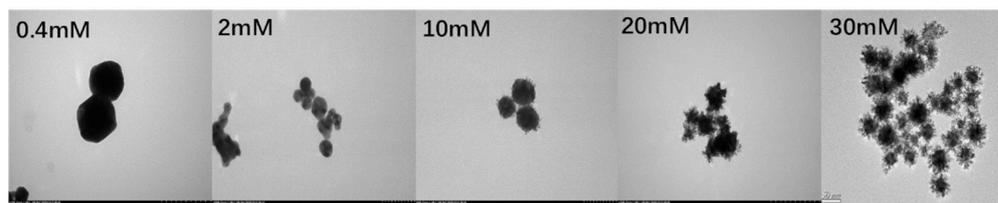


Figure S1. TEM images of Au@Pt using 20mM HAuCl₄ and certain concentration of K₂PtCl₆.

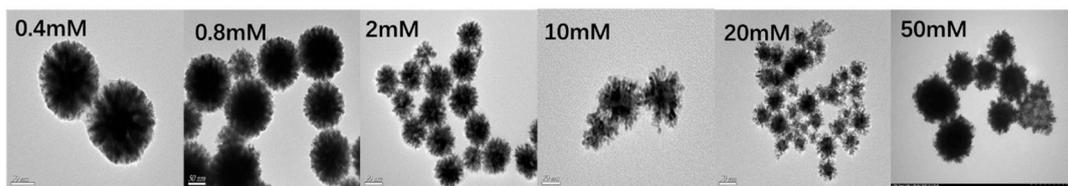


Figure S2. TEM images of Au@Pt using 30mM K₂PtCl₆ and certain concentration of HAuCl₄.

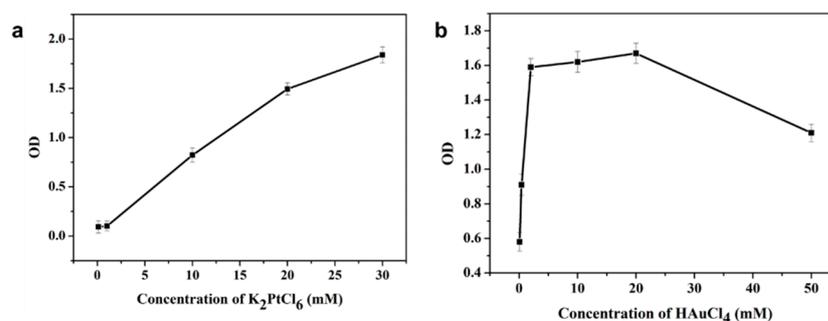


Figure S3. Absorbance of Au@Pt at different concentration of K₂PtCl₆ and HAuCl₄. a: The concentrations of K₂PtCl₆ were 0.4 mM, 2 mM, 10 mM, 20 mM and 30 mM at 20 mM of HAuCl₄; b: the concentrations of HAuCl₄ were 0.4 mM, 0.8 mM, 2 mM, 10 mM, 20 mM and 50 mM at 30 mM of K₂PtCl₆.

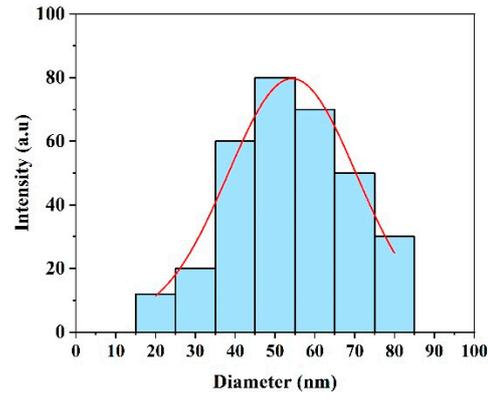


Figure S4. DLS analysis of Au@Pt at optimal condition.