

Supporting Information:

Aggregation induced enhancement of peroxidase-mimetic activity of DNAzyme-gold nanoparticles for ultrasensitive detection of lead ions

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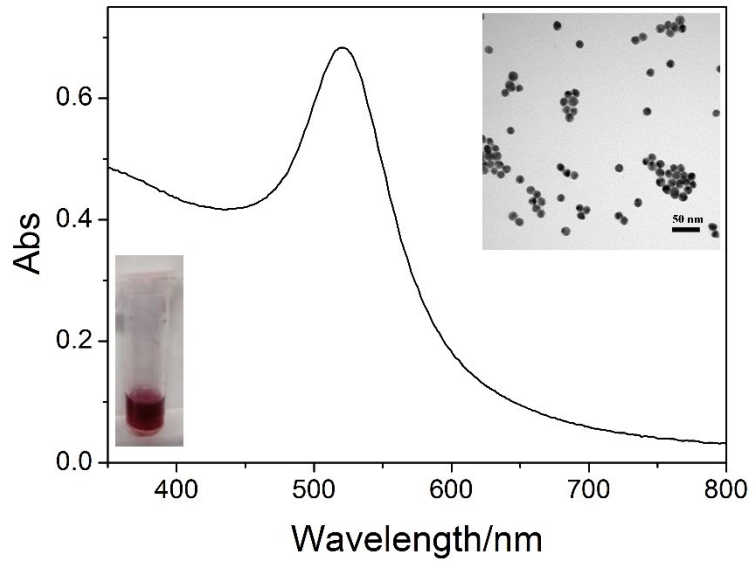


Figure S1. UV-Vis spectrum, photograph (bottom left) and TEM image (top right-hand corner) of AuNPs solution.

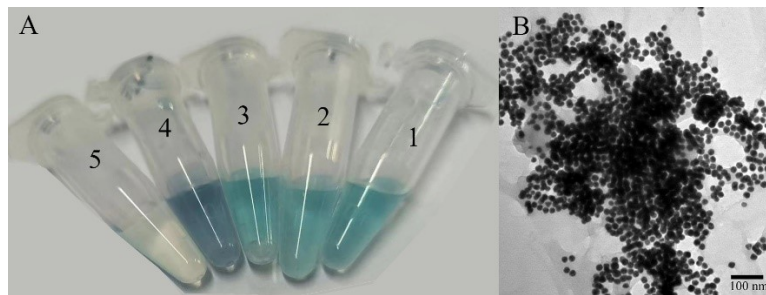


Figure S2. (A) The photos of different reaction systems. (1: DNA₁-AuNPs + Pb²⁺ + TMB + H₂O₂, 2: dsDNA-AuNPs + Pb²⁺ + TMB + H₂O₂, 3: DNA₃-AuNPs + Pb²⁺ + TMB + H₂O₂, 4: Mixed AuNPs + Pb²⁺ + TMB + H₂O₂, 5: Pb²⁺ + TMB + H₂O₂) (B) The TEM image of sample 4.