

Electronic Supplementary Information

Development of Highly Sensitive Optical Nanoantenna for Bacterial Detection

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Fig. S1

Fig. S2

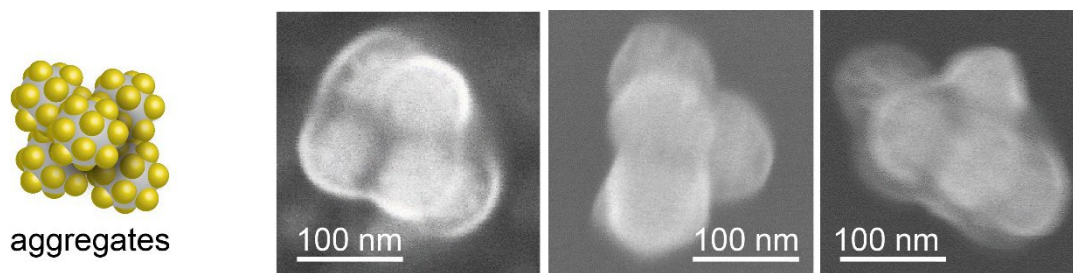


Fig. S1 FE-SEM images of differently shaped aggregates of AuNS after the reaction with GA for 4 h.

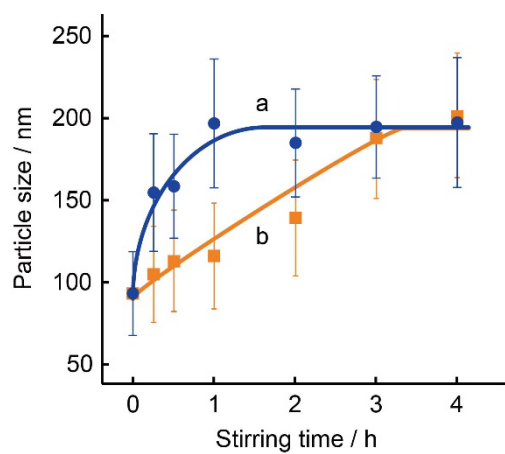


Fig. S2 Relationship between the particle size of AuNS aggregates and the reaction time for cross-linking. The amount of 2.8M GA solution added to the AuNS suspension: (a) 2.0 mL and (b) 0.40 mL.