

Supporting Information

A Direct Immunoassay Based on Surface-Enhanced Spectroscopy Using AuNP/PS-*b*-P2VP Nanocomposites

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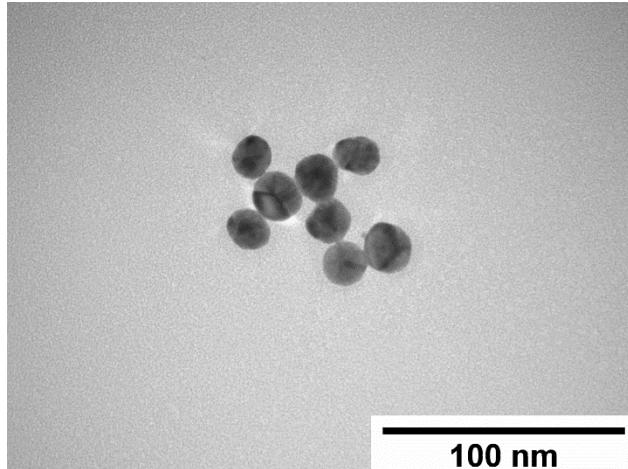


Figure S1. TEM image of the synthesized citrate stabilized gold NPs.

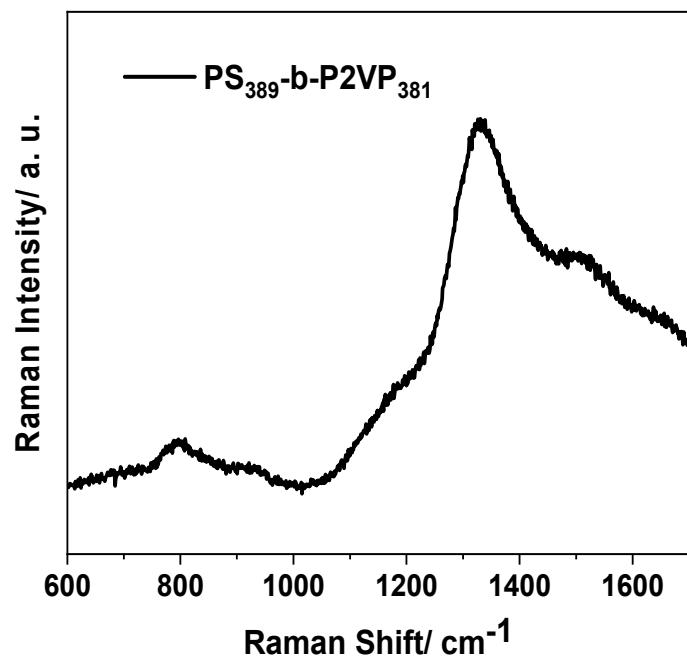


Figure S2. Raman spectra of the PS₁₂₅₀-*b*-P2VP₁₂₈₅ thin film.

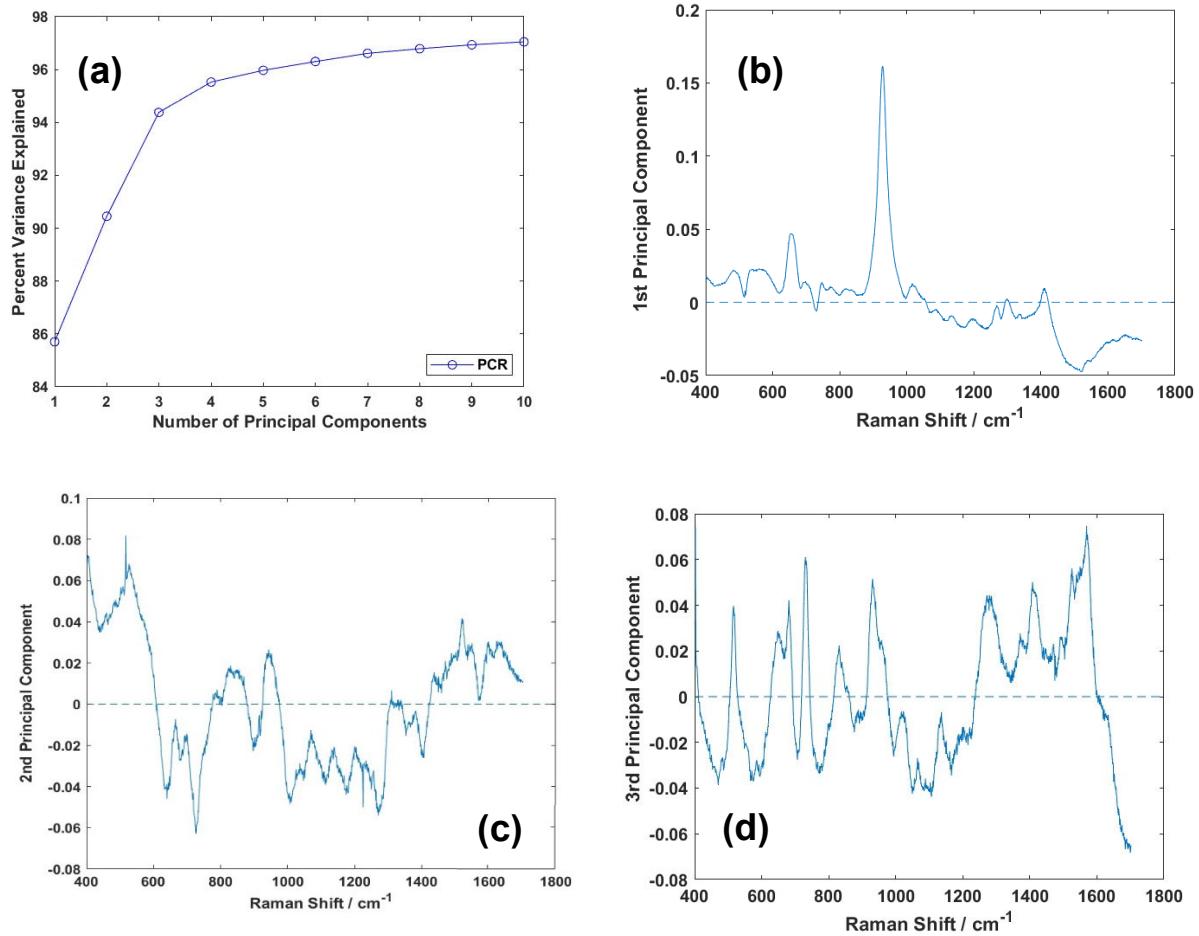


Figure S3. PCA of functionalization steps and IgG detection: (a) Explained Variation, (b) 1st principal component score, (c) 2nd principal component score, (d) 3rd principal component score.

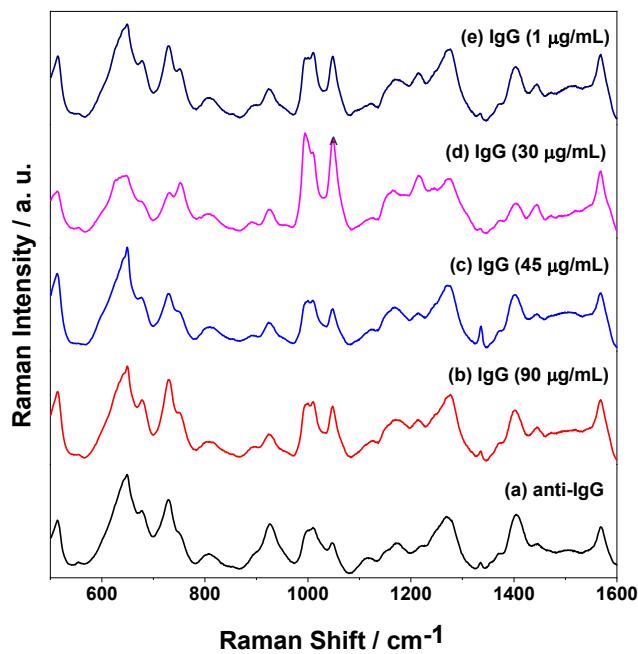


Figure S4. Average SERS spectra different concentrations of IgG (from 1 to 90 µg/mL).

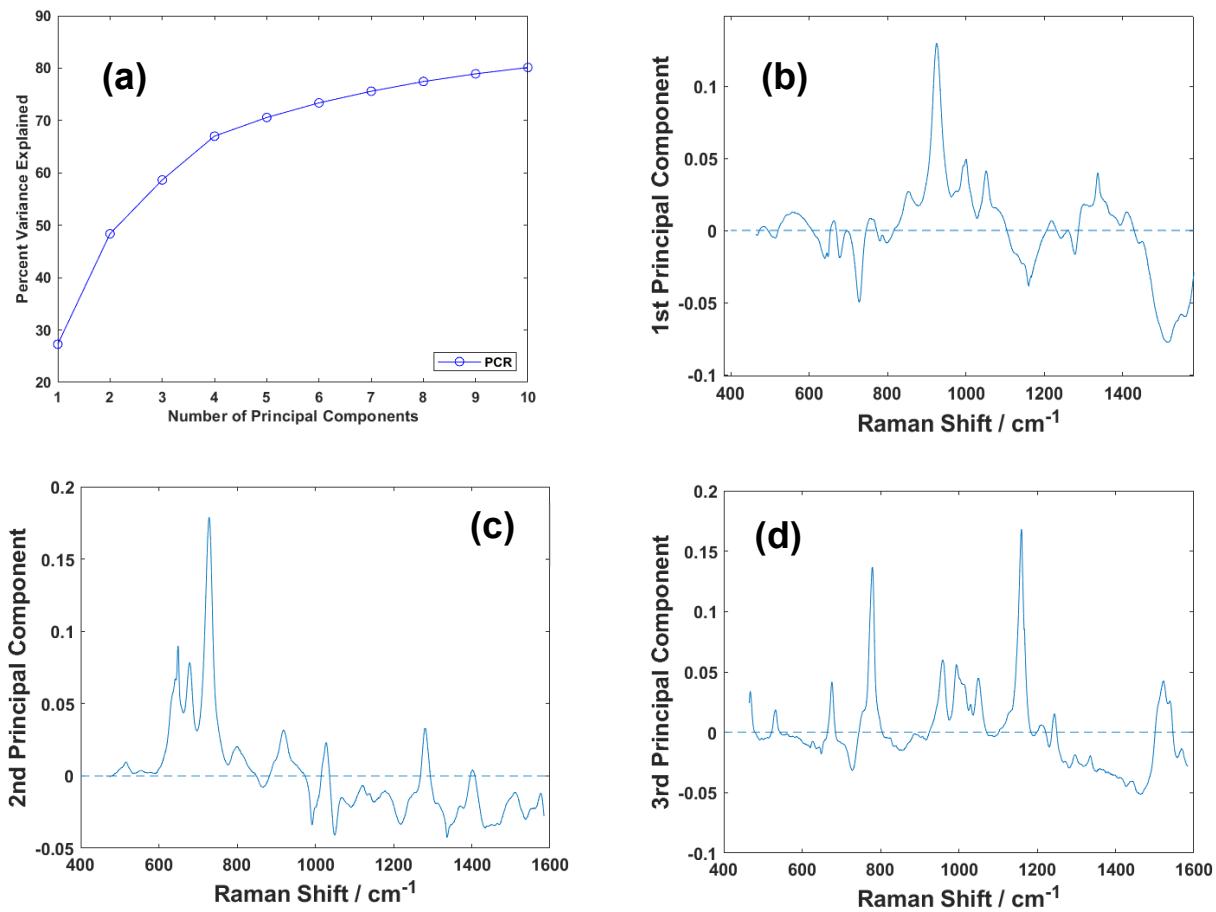


Figure S5. PCA of direct ATP immunoassay: (a) Explained Variation, (b) 1st principal component score, (c) 2nd principal component score, (d) 3rd principal component score.