

Supplementary information for
**Protein A modified Au-graphene oxide composite as an
enhanced sensing platform for SPR-based immunoassay**

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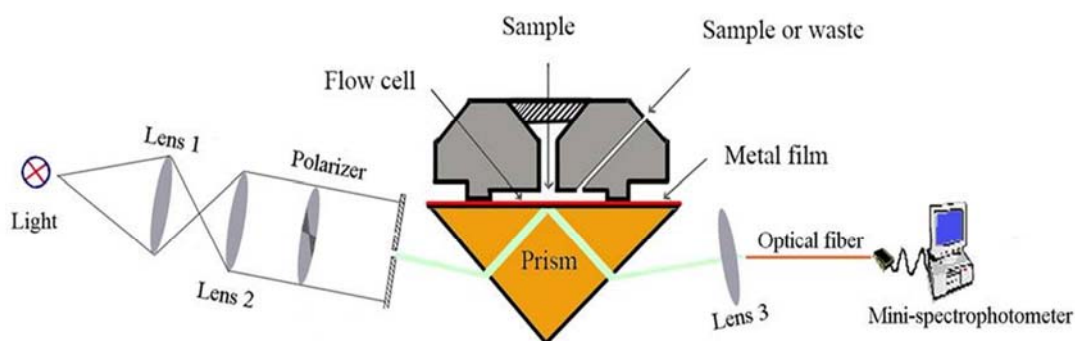


Figure S1. A diagram of SPR biosensor system designed in our laboratory.

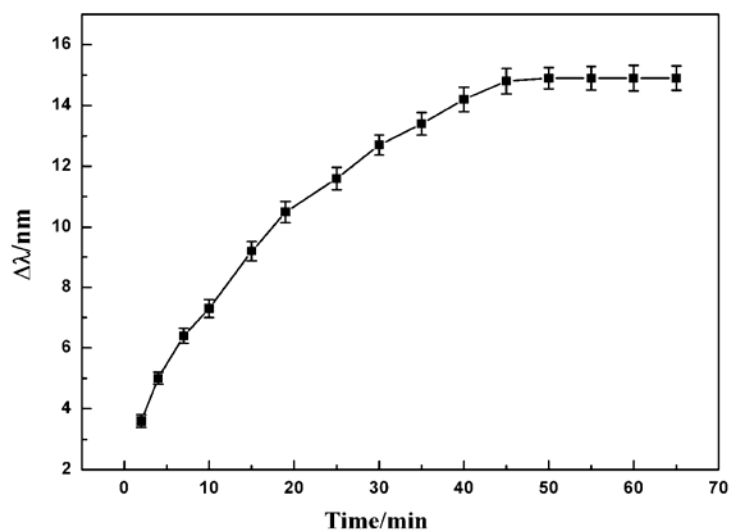


Figure S2. The kinetic adsorption curve of SPA-Au/GO composite on SPR Au film.

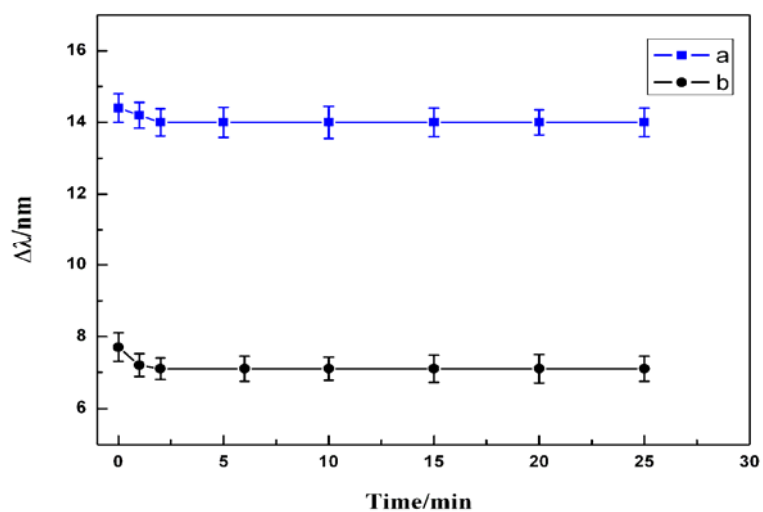


Figure S3. The shifts of the resonant wavelength for antibody immobilization after the injection of PBS on SPA-Au/GO modified Au film (curve a) and SPA modified Au film (curve b).