

Supporting Information

Electrochemical detection of ractopamine based on molecularly imprinted poly-o-phenylenediamine/gold nanoparticles-ionic liquid- graphene film modified glass carbon electrode

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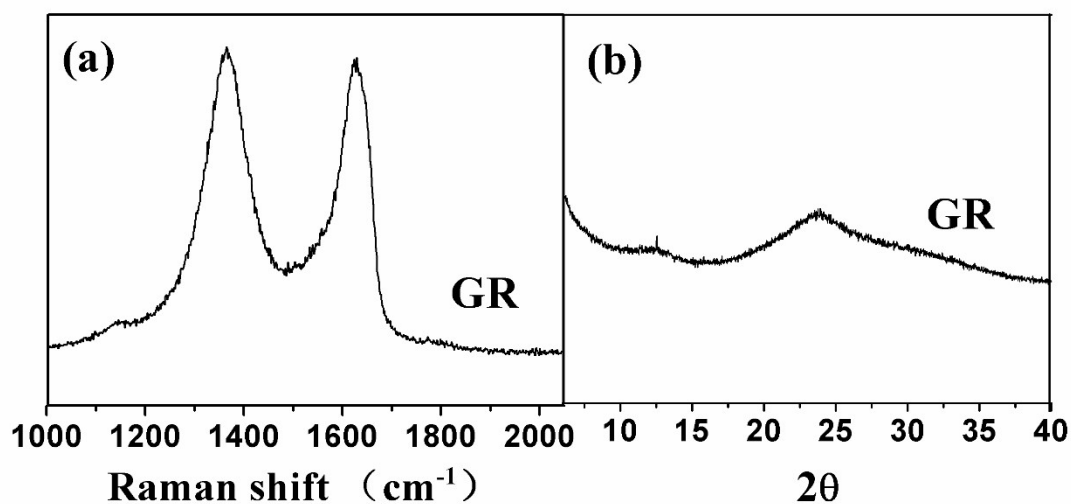


Figure. S1 Raman spectra (a) and XRD pattern (b) of Graphene.

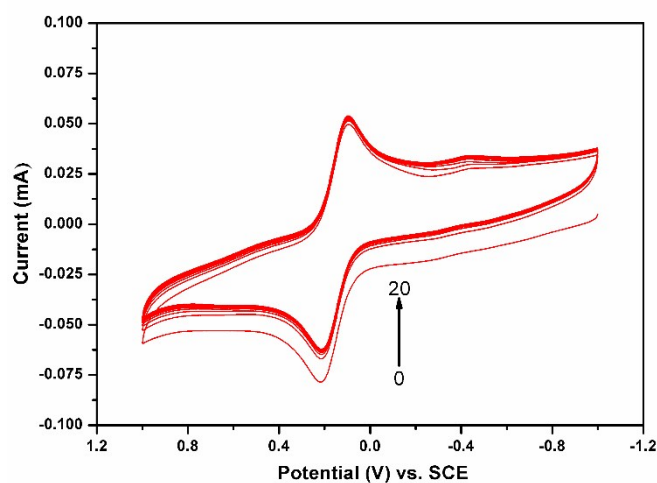


Fig. S2 CV response of MIP/AuNPs-IL-GR/GCE incubated with 1000 μg L⁻¹ RAC in PBS for 600s.

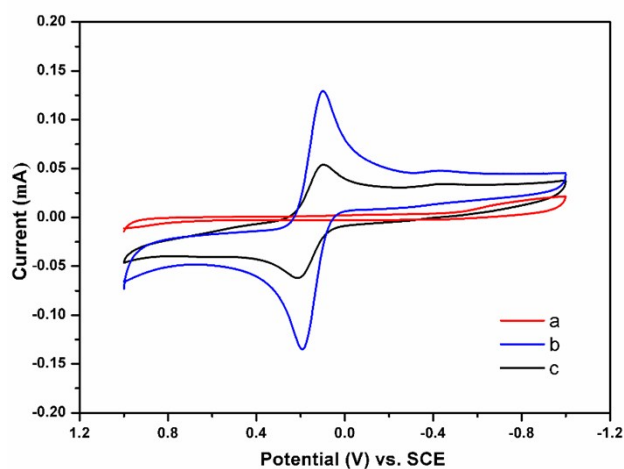


Fig. S3 CV response of MIP/AuNPs-IL-GR/GCE before removal of RAC (a), MIP/AuNPs-IL-GR/GCE after removal of RAC (b), and MIP/AuNPs-IL-GR/GCE after rebinding of RAC (c).