Supporting Information

Simultaneous electrochemical detection of catechol and hydroquinone based on gold nanoparticles@carbon nanocages modified electrode

**Fig. S1**

![Graph showing oxidation current of CC and HQ for CNCs in different mass of AuNPs solution](image)

**Fig. S1** CV of oxidation current of CC and HQ for CNCs in different mass of AuNPs solution (200, 300, 400, 500, 600, 700 and 800 g).

**Fig. S2**

![Graph showing effect of pH value on anodic peak currents of CC and HQ at AuNPs@CNCs/GCE](image)

**Fig. S2** Effect of pH value on the anodic peak currents of CC and HQ at AuNPs@CNCs/GCE.

**Fig. S3**
**Fig. S3** The stability of AuNPs@CNCs/GCE in 0.05 M HAc-NaAc solution with detection 50 µM CC and HQ.