

Supporting Information

Dual Amplification of Single Nucleotide Polymorphisms Detection Using Graphene Oxide and Nanoporous Gold Electrode Platform

*Seyyed Mehdi khoshfetrat, Masoud A. Mehrgardi**

Department of chemistry, University of Isfahan, Isfahan 81746-73441, Iran.

* Corresponding author. Tel.: +98 3117932710; fax: +98 3116689732.

E-mail addresses: m.mehrgardi@chem.ui.ac.ir, m.mehrgardi@gmail.com (M.A.Mehrgardi)

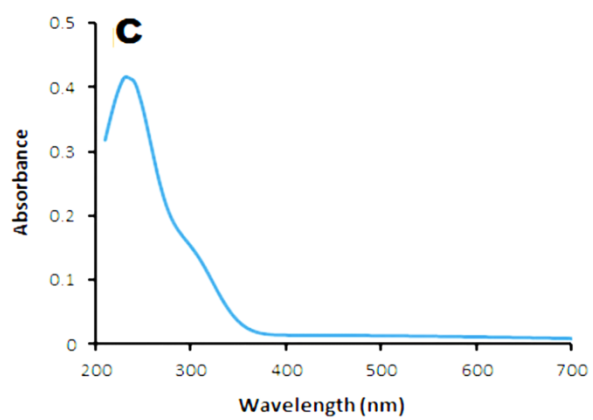
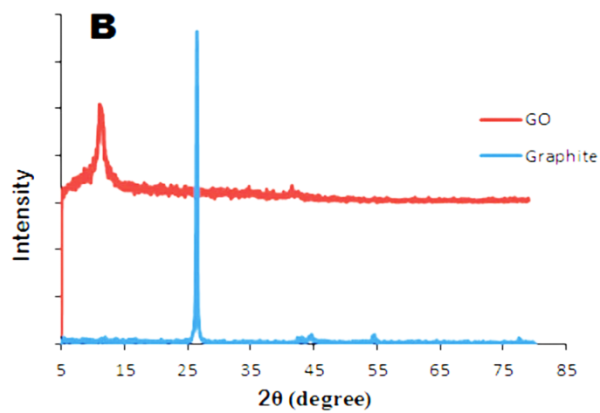
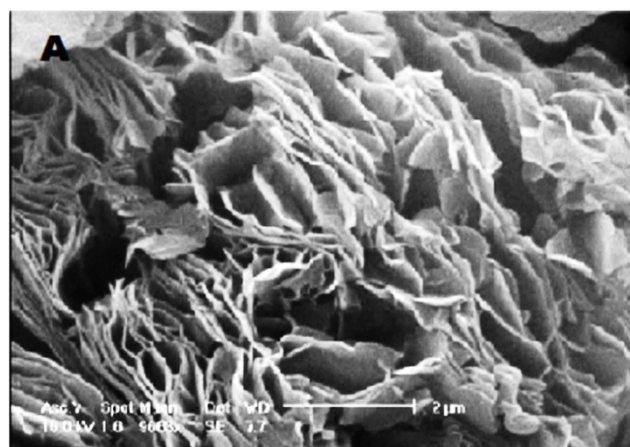


Figure S1. SEM images of GO (A), XRD pattern of GO and graphite (B) and UV-vis of GO (C).

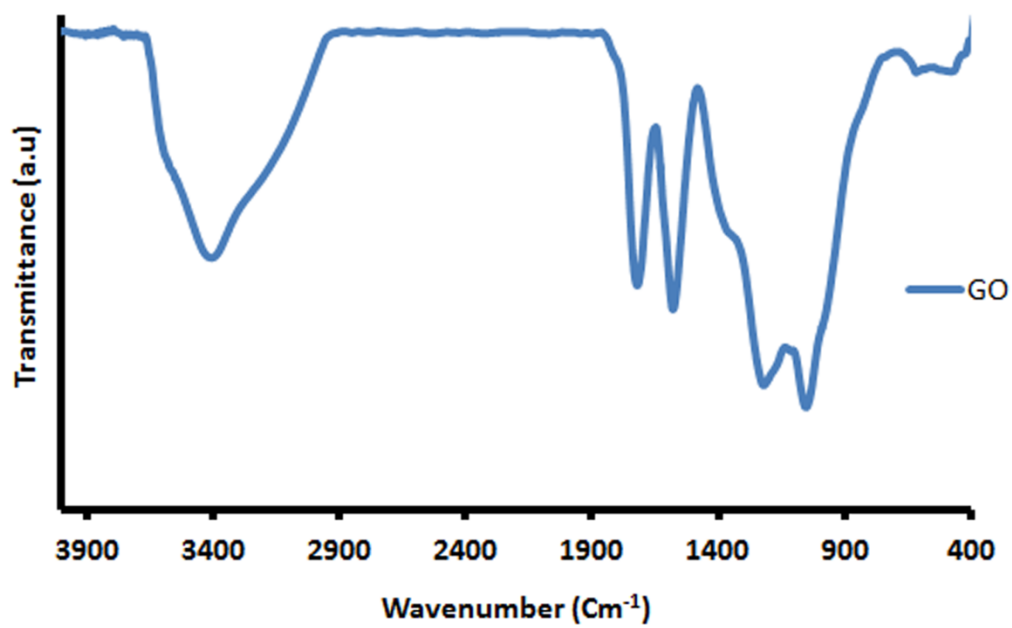


Figure S2. FT-IR spectrum of the as-prepared GO

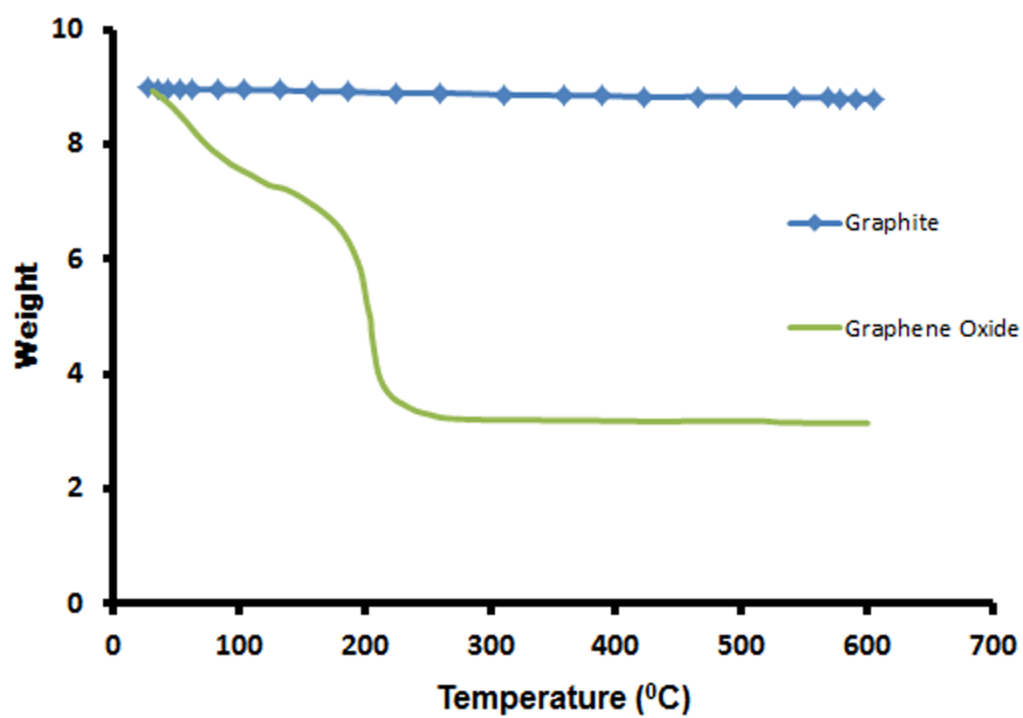


Figure S3. TGA plots for graphite and GO

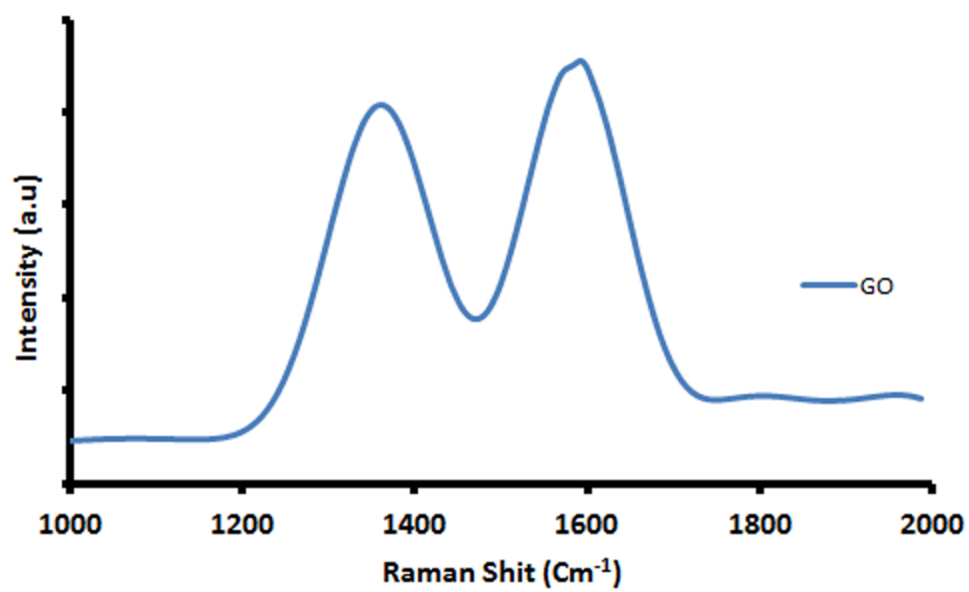


Figure S4. Raman spectrum of GO