

Supplementary Materials

for

Cytosine-Rich Oligonucleotide and Electrochemically Reduced Graphene Oxide Nanocomposite for Ultrasensitive Electro-chemical Ag⁺ Sensing

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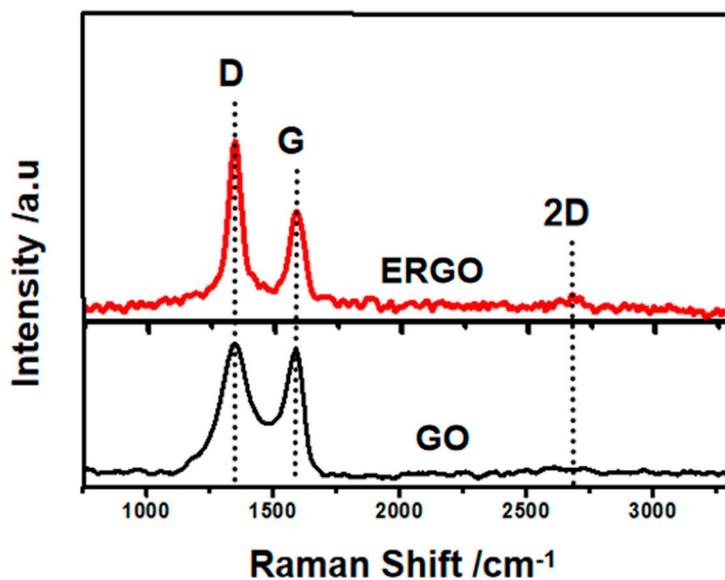


Figure S1. Raman spectra of GO and ERGO

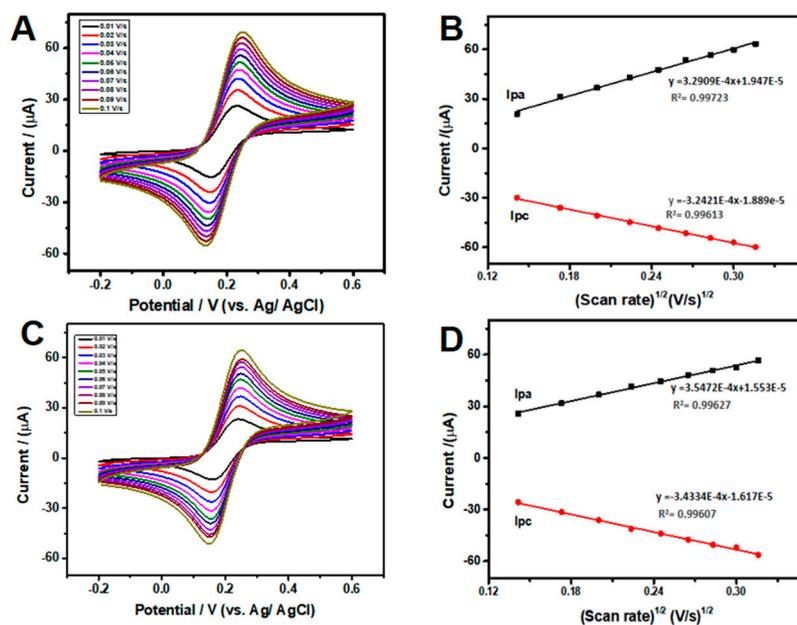


Figure S2. CV curves at various scan rates from 0.01 to 0.1 V/s at (A) bare GCE and (C) ERGO-GCE. (B) Linear plots of $v^{1/2}$ vs. redox peak currents (I_{pa}/I_{pc}) at (B) bare GCE and (D) ERGO-GCE in 5 mM $[\text{Fe}(\text{CN})_6]^{3-}$ in 0.1M KCl solution.