

Electronic Supplementary Information

Graphene – cobalt oxide based needle electrode for non-enzymatic glucose detection in micro-droplets

Xuewan Wang, Xiaochen Dong, Yanqin Wen, Changming Li, Qihua Xiong and Peng Chen*

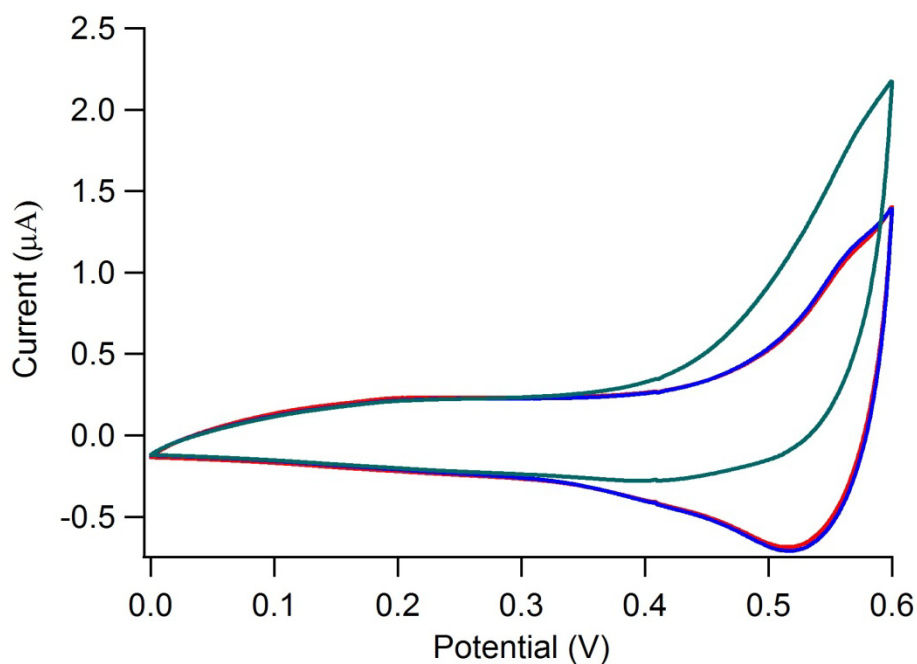


Figure S1. Cyclic voltammograms (CVs) of the graphene/Co₃O₄ nanoneedle electrode in 0.1 M NaOH electrolyte (red), electrolyte supplemented with glucose-free serum sample (blue), electrolyte supplemented with glucose-containing serum sample (green, final glucose concentration = 3 mM). The serum sample is made of 100 μg/ml fetal bovine serum in Dulbecco's Modified Eagle Medium (DMEM).