

Supplementary Informations

Polymer Thin Film Embedded Metal Oxide Modified Electrochemical Paper Based Sensor for Glycine detection

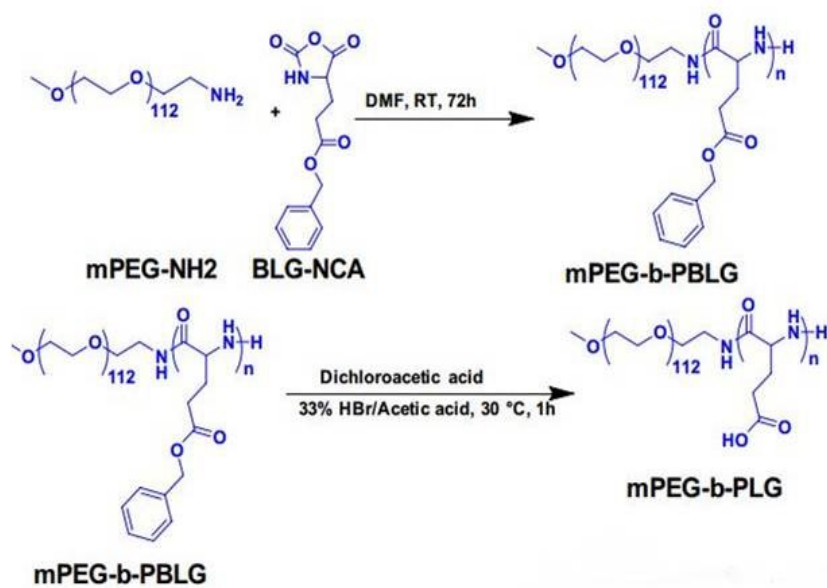
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Scheme S1: Scheme for the synthesis of mPEG-block-PLG

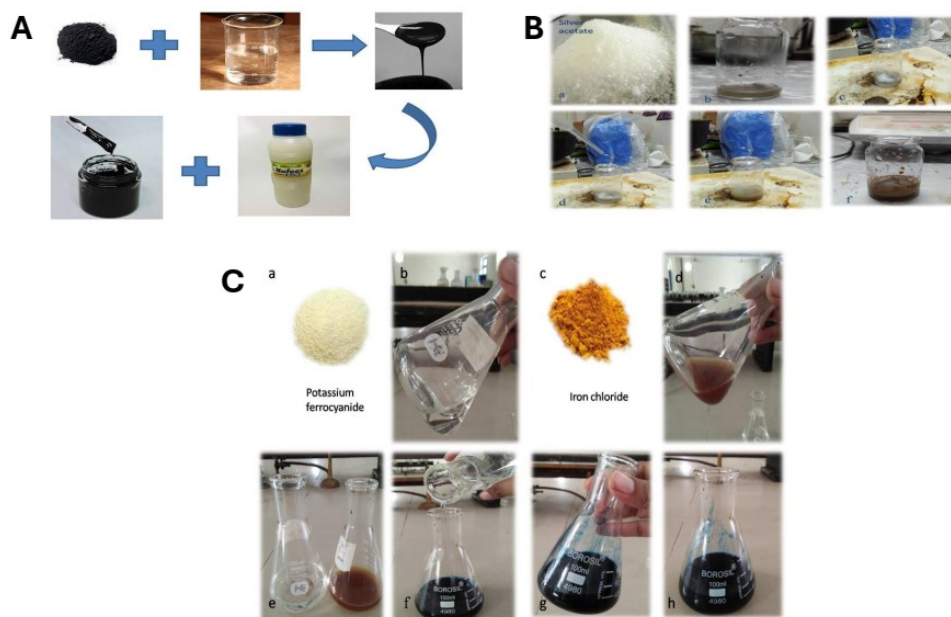


Figure .S1. Preparation of inks for electrode fabrication at paper: **A.** Carbon Ink, **B.** Silver ink as Ag/AgCl Electrode, **C.** Prussian Blue as mediator

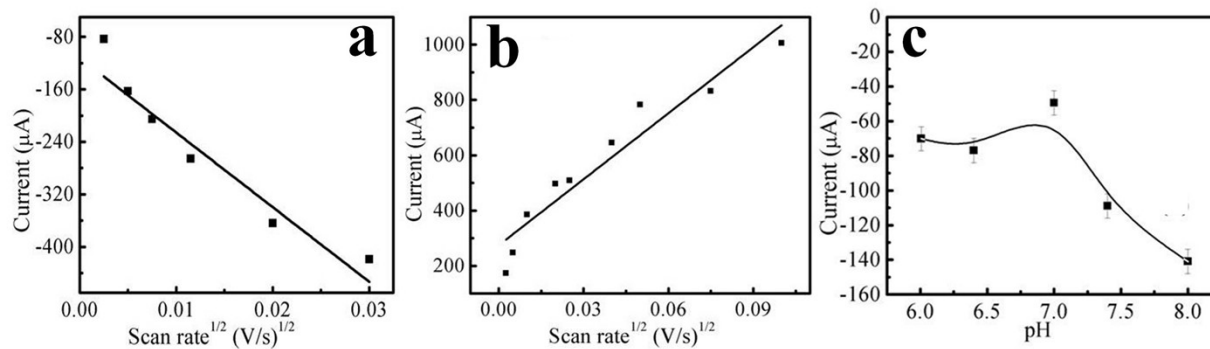


Figure. S2. Linear Electrochemical behavior for concentration optimization of glycine at CdONPs/ polymer paper-based sensor at different scan rates (**a and b**) and pH (**c**) (concentration of glycine 5 mmol, buffer 0.1 mol pH=7.0, and potential window from -0.3 to + 0.6).