

Supplementary Information

Highly sensitive electrochemical biosensor for Hg^{2+} by using entropy-driven DNA walker-based amplification

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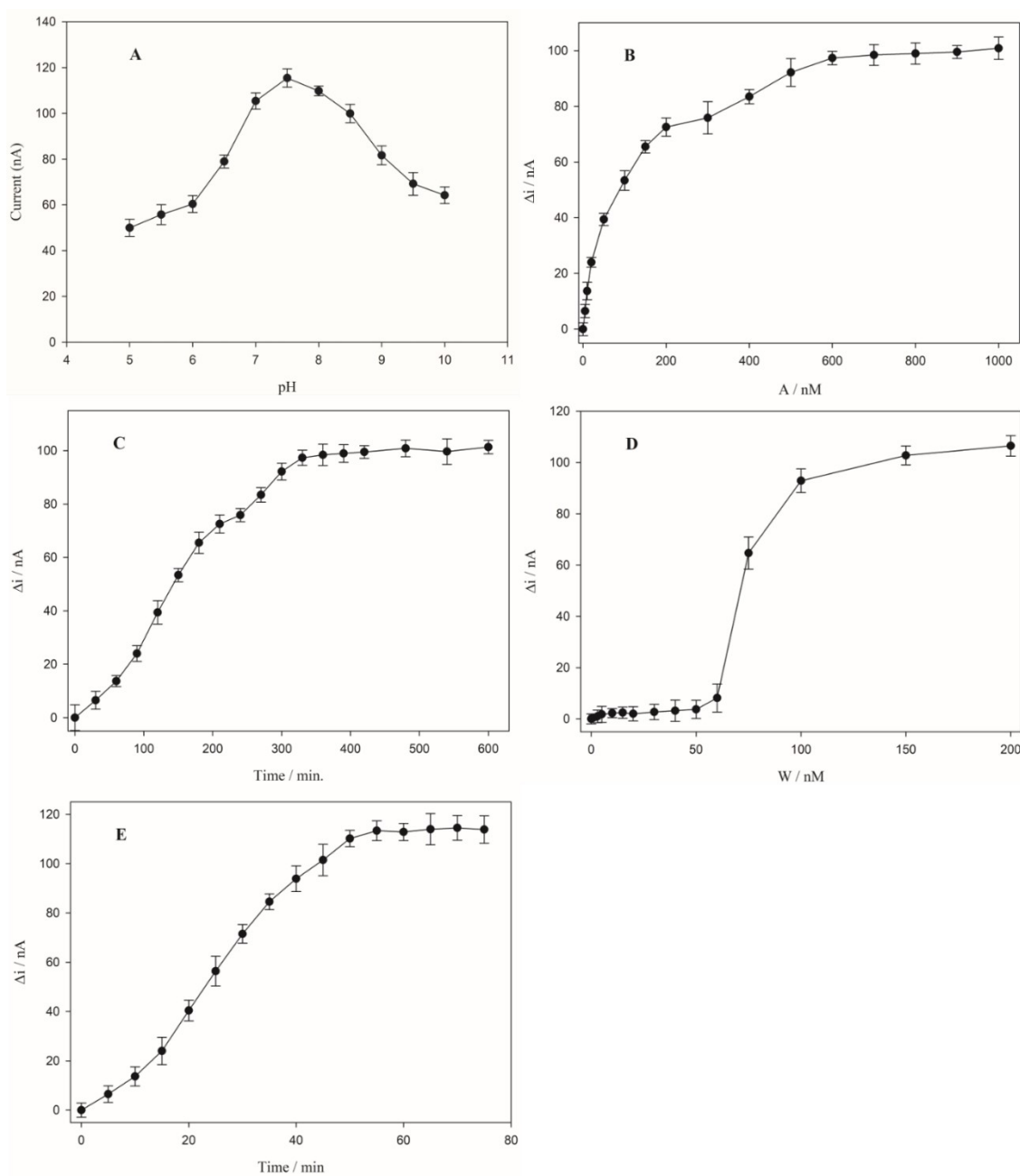


Fig. S1. (A) The effect of pH, (B) optimization of A concentration modified to the electrode surface, (C) optimization of the reaction time for modifying the A to the electrode surface, (D) optimization of W concentration, (E) optimization of reaction time after addition of the W, Hg^{2+} and F into the sensing system.