

## Supplemental Information

Sensitive immunosensor for N-terminal pro-brain natriuretic peptide based on N-(aminobutyl)-N-(ethylisoluminol) functionalized gold nanodots/multi-walled carbon nanotube electrochemiluminescence nanointerface

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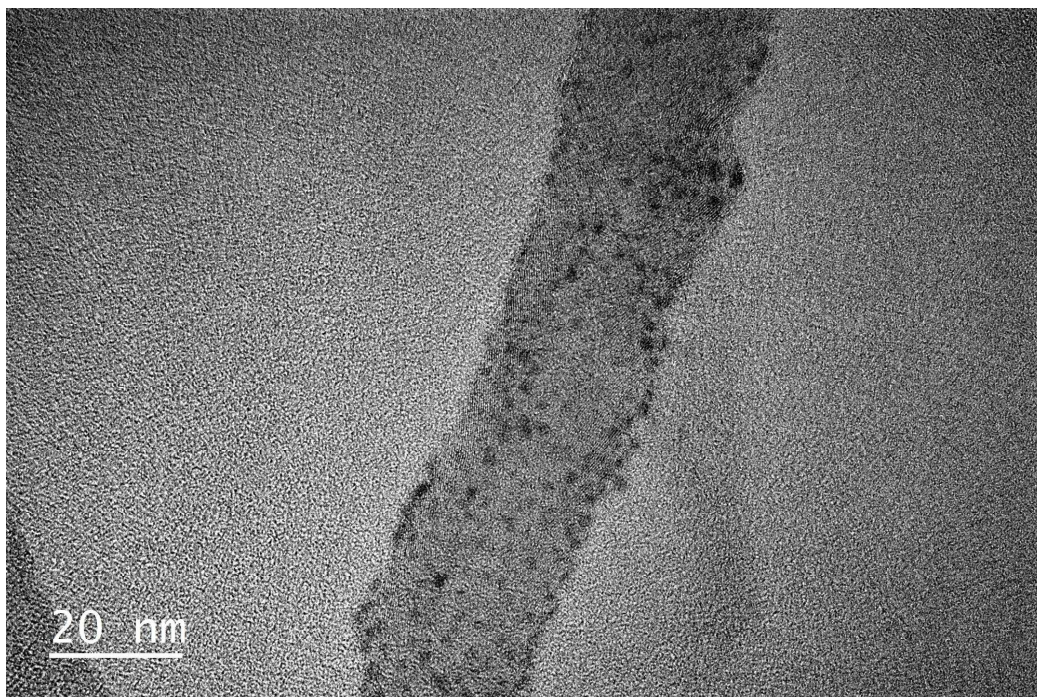
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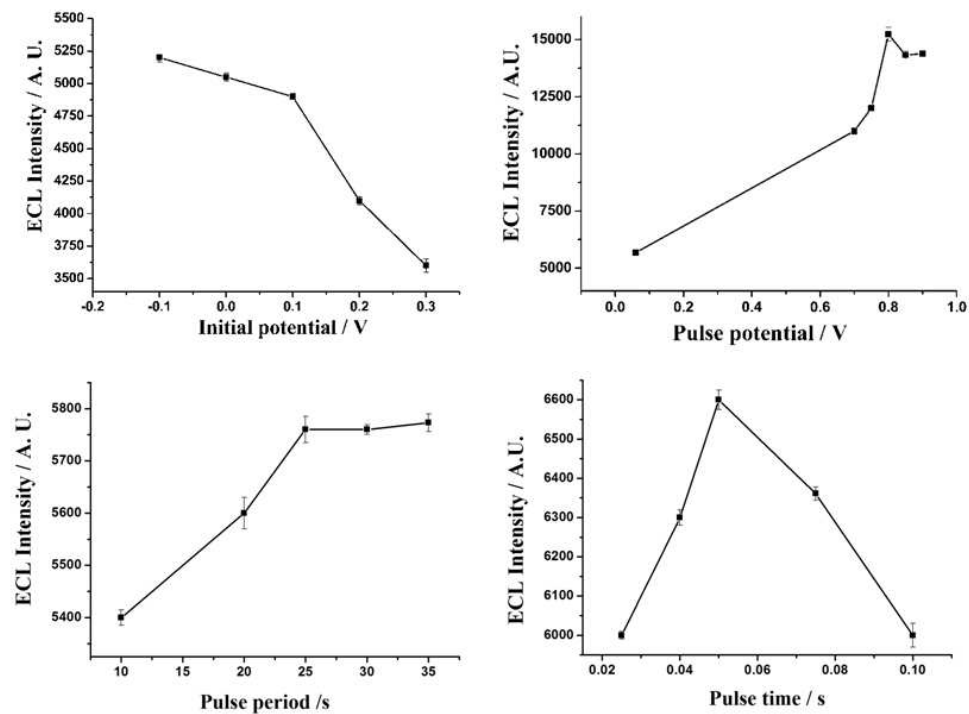
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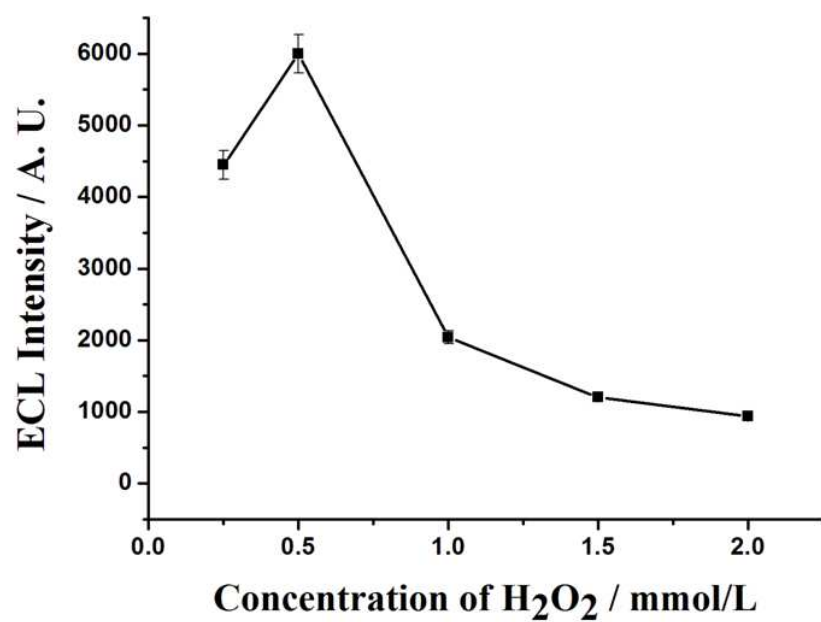
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**Figure S1.** TEM image of as-prepared ABEI/GNDs/chitosan/COOH-MWCNTs.



**Figure S2.** Effects of initial potential, pulse potential, pulse period and pulse time on ECL intensity of immunosensor.



**Figure S3.** Effect of concentration of  $\text{H}_2\text{O}_2$  on ECL intensity of immunosensor.