

Supporting Information

# Microfluidic Platform Integrated with Carbon Nanofibers-Decorated Gold Nanoporous Sensing Device for Serum PSA Quantification

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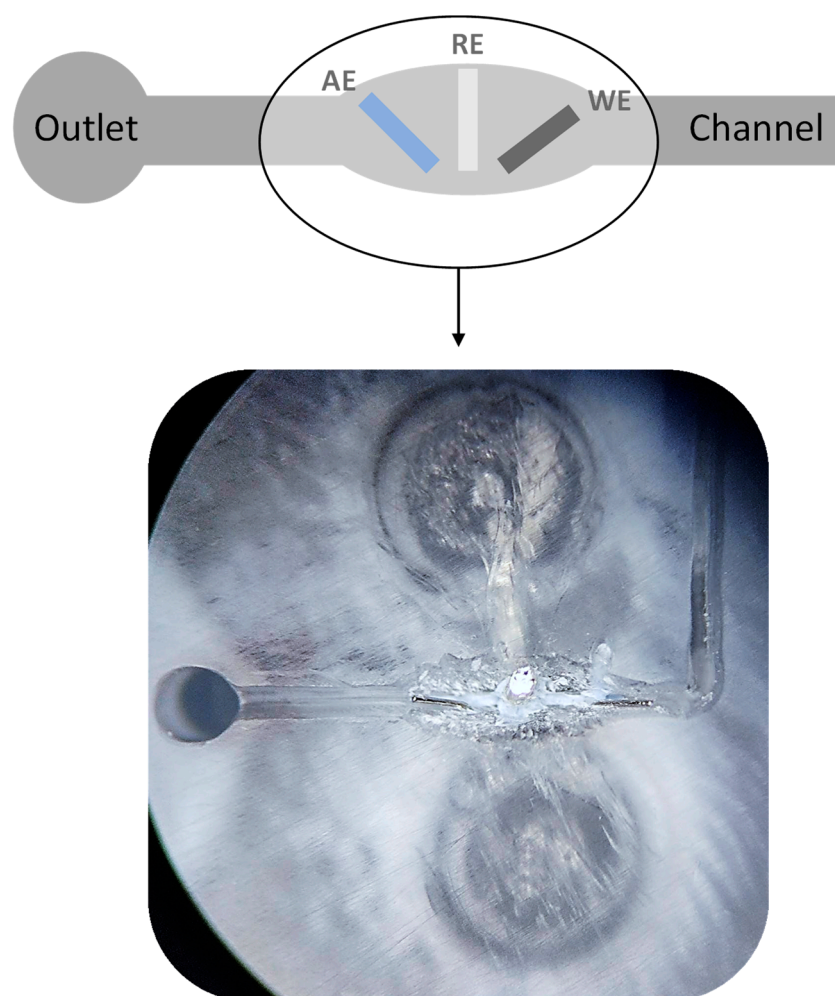
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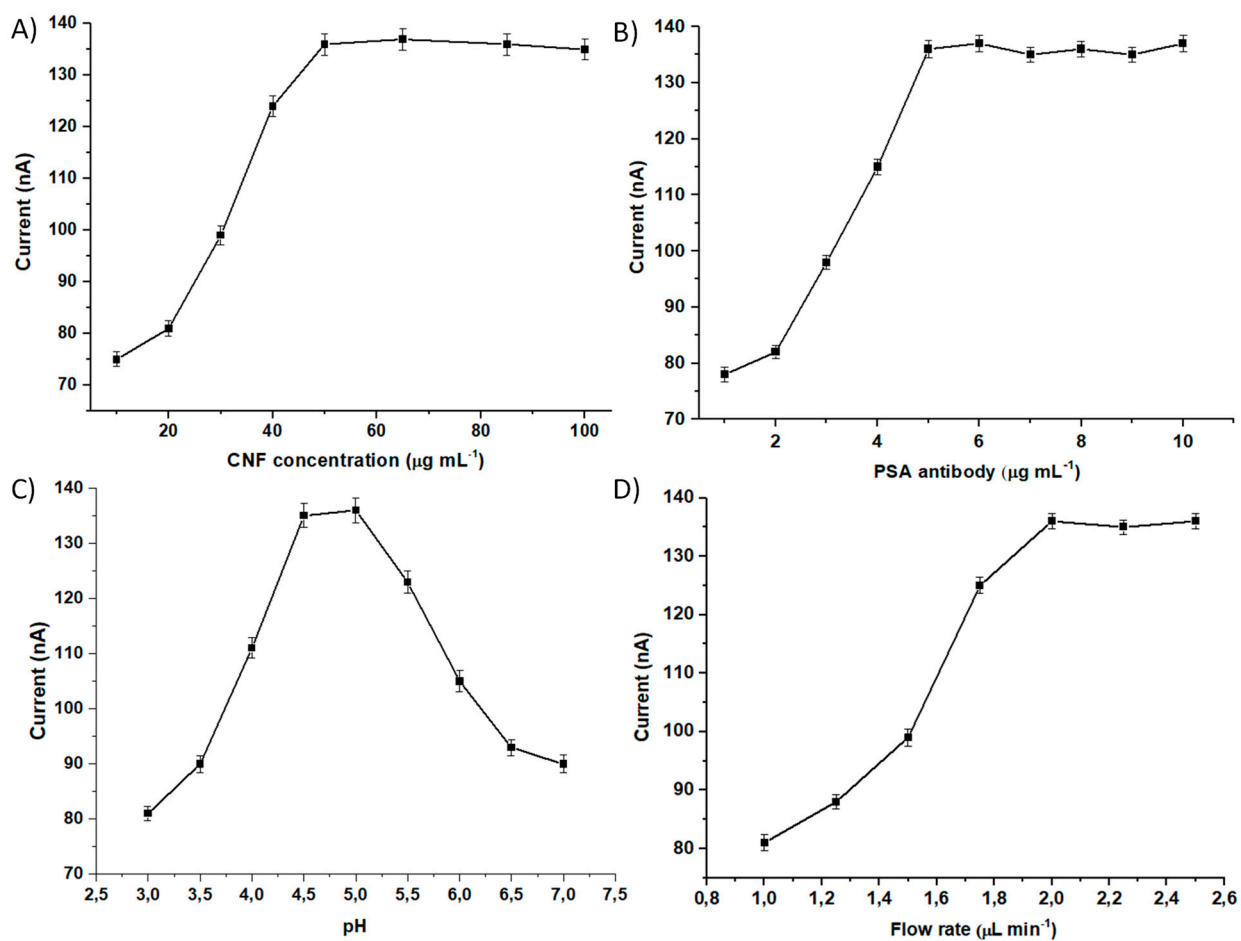
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**Figure S1.** Design of the electrochemical cell and microscopy photo.



**Figure S2.** Optimization of Experimental Parameters. A) CNF concentration, B) PSA antibody concentration, C) pH, and D) Flow rate.