Supporting Information

A Sensitive and Selective Electrochemical Aptasensor for Carbendazim Detection

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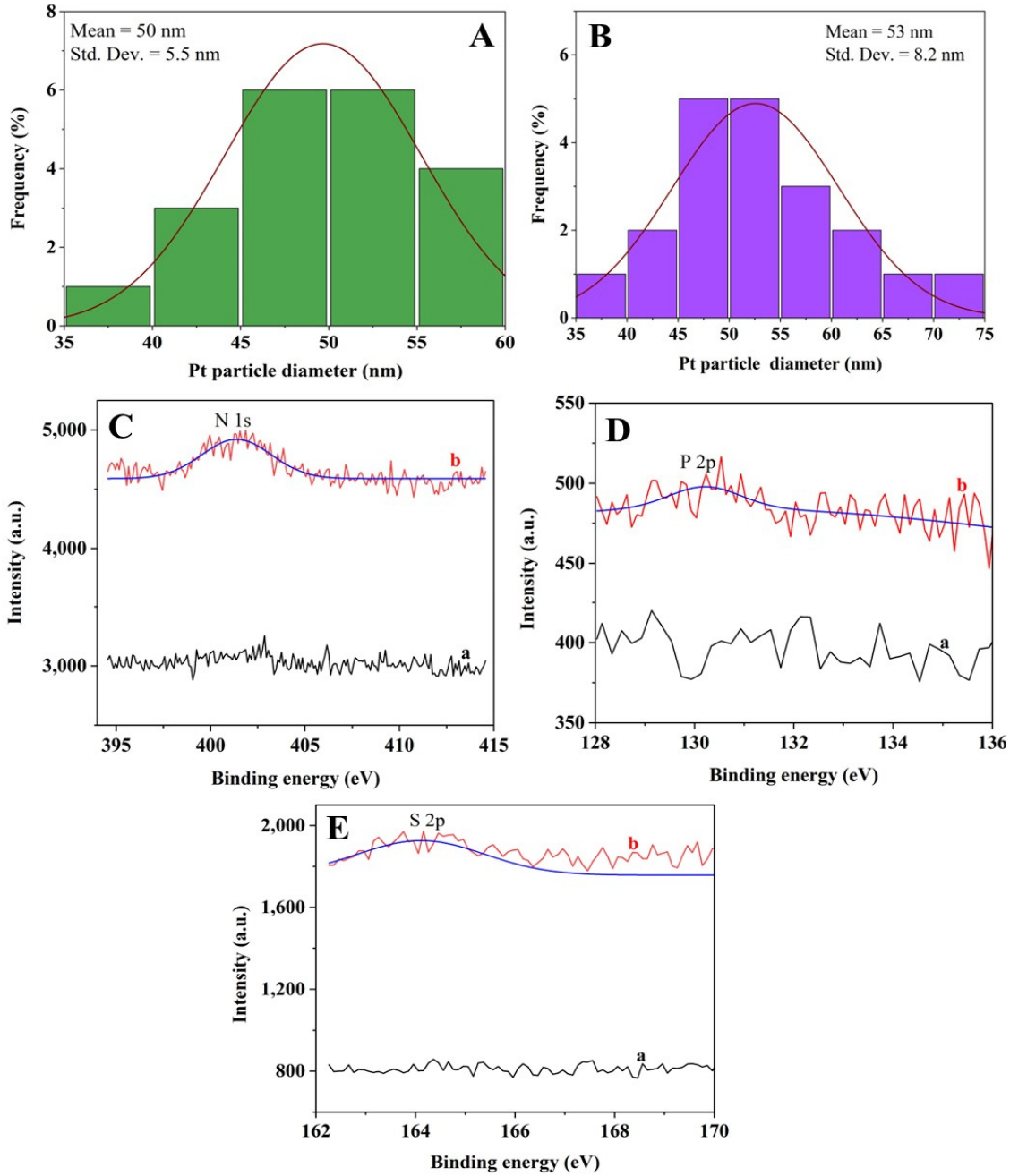

Figure S1. Pt particle size distribution histogram for **(A)** Pt-rGO/GCE, **(B)** Apt-Pt-rGO/GCE and **(C-E)** peak confirmation for N 1s, P 2p, and S 2p in Apt-Pt-rGO/GCE corresponds to XPS results.

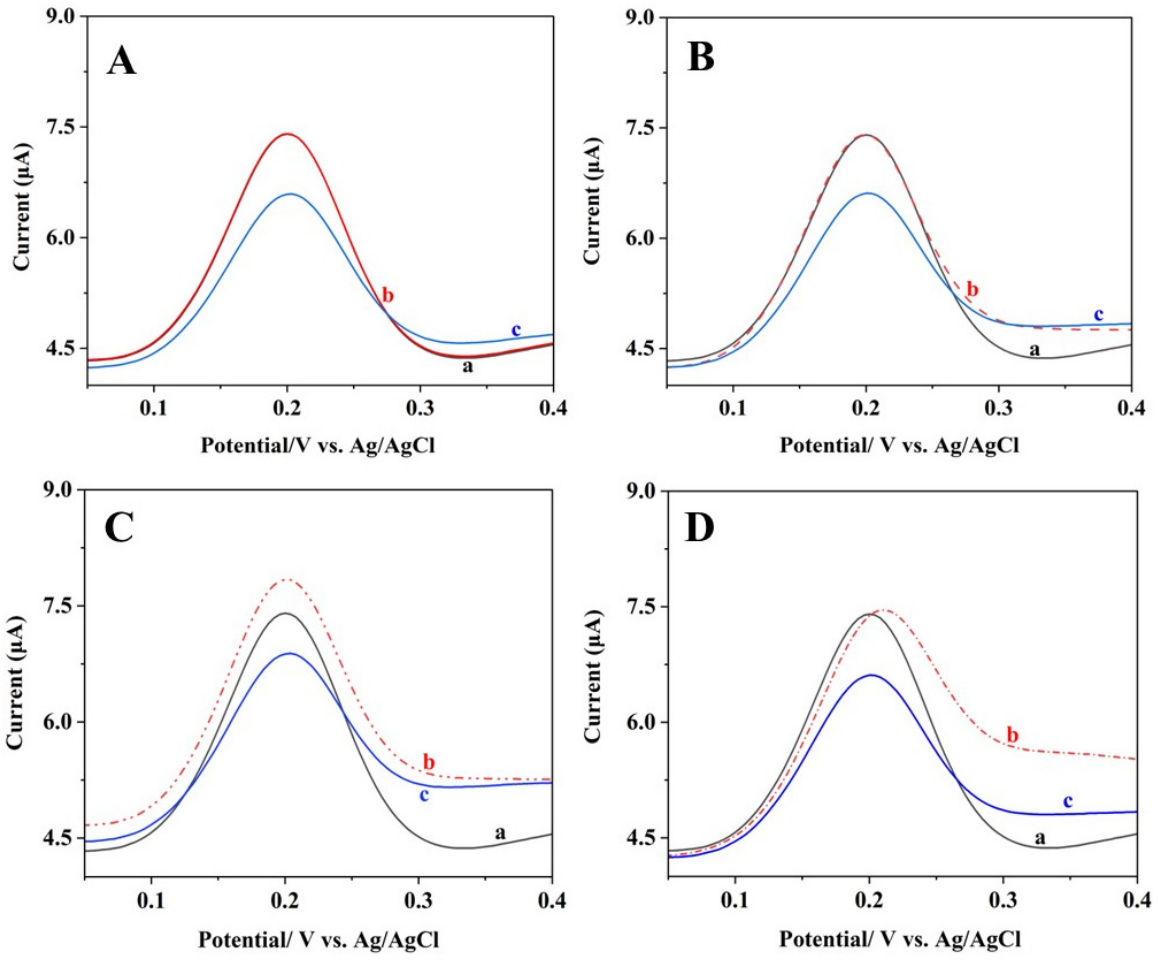

Figure S2. Regeneration of electrodes with **(A)** 10 mM NaOH **(B)** 40 mM tris-HCl (pH 8.0), 10 mM EDTA with 0.02% tween-20 **(C)** 2% SDS solution, and **(D)** 10 mM NaCl salt. Curve a indicates the current before incubation, curve b indicates the current after incubation with regeneration agents, and curve c indicates the current with 10 µM CBZ.