

Supplementary Materials

Development of an Impedimetric Aptasensor for Label Free Detection of Patulin in Apple Juice

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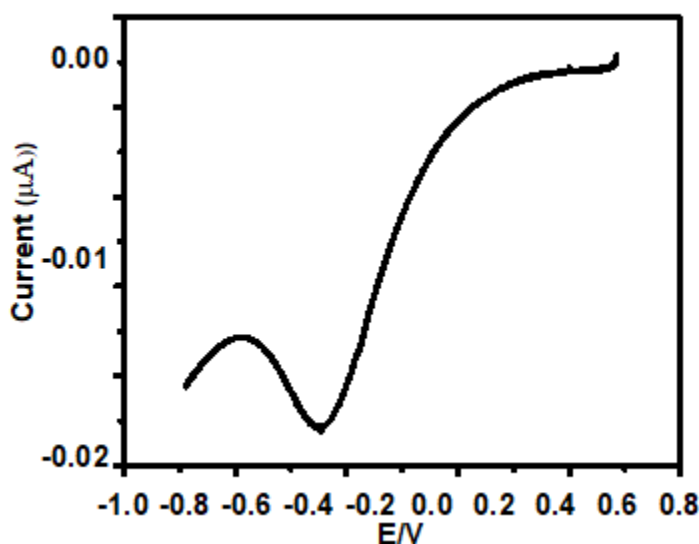


Figure S1. Linear sweep voltammogram for electrodeposition of the in situ generated 4-carboxyphenyl diazonium salt in the diazotization mixture at SPCE.

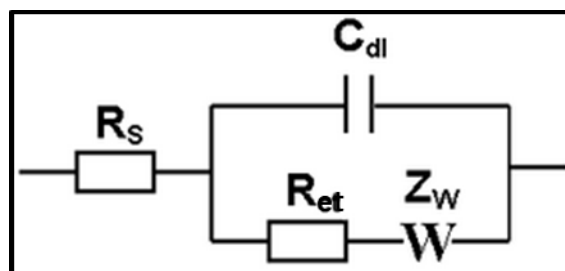


Figure S2. Randles Circuit for fitting of Nyquist Plot.

Table S1. R_{et} Values obtained after each modification step of Aptasensor fabrication Electrode.

Different modification steps	R_{et} (K Ω)
Bare	7.56
After ABA	26.02
ABA+PEG	23.35
Aptasensor	16.10
Aptasensor + Patulin (50 ng mL ⁻¹)	24.76