

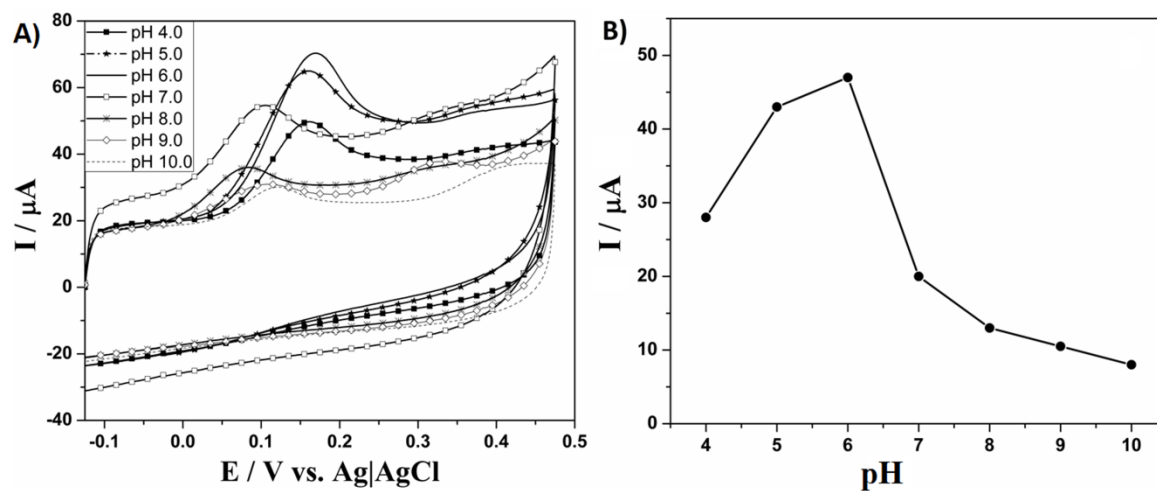
## **Multiwall Carbon Nanotube Ensembled Biopolymer Electrode for Selective Determination of Isoniazid *in-vitro***

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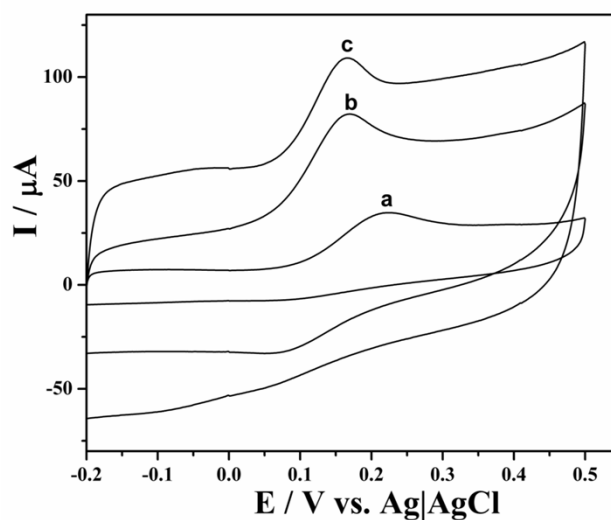
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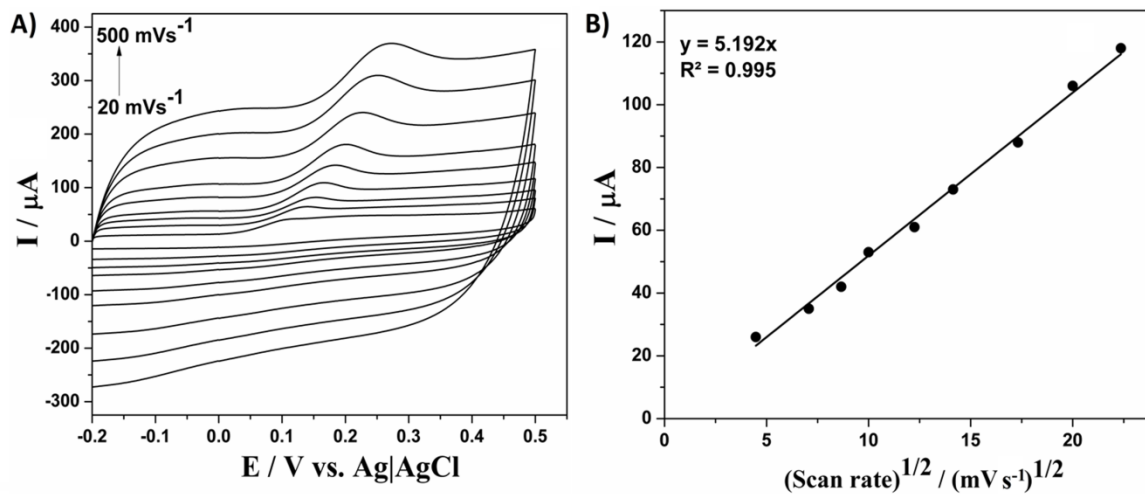
## Supporting information:



**Fig. S1.** (A) CVs of 0.1 mM isoniazid recorded at MWCNT-chit/GCE in B-R buffer at different pH values (4.0 – 10.0). Scan rate = 100 mV s<sup>-1</sup>. (B) Plot of  $i_p$  vs pH of B-R buffer



**Fig. S2.** CVs of 0.1 mM isoniazid in B-R buffer (pH 6.0) using MWCNT-chit/GCE fabricated with (a) 1 mg mL<sup>-1</sup> (b) 2 mg mL<sup>-1</sup> and (c) 3 mg mL<sup>-1</sup> of MWCNT. Scan rate 100 mV s<sup>-1</sup>.



**Fig. S3.** (A) CVs of 0.1 mM isoniazid in B-R buffer (pH 6.0) using MWCNT-chit/GCE at scan rates 20, 50, 75, 100, 150, 200, 300, 400 and 500 mV s<sup>-1</sup>. B) Plot of  $i_p$  vs square root of scan rate.