Supplementary Information

Electrochemical sensor for non-enzymatic reduction of hydrogen peroxide and oxidation of gallic acid using PolyAmidoBlack-10B (PAB) modified electrode

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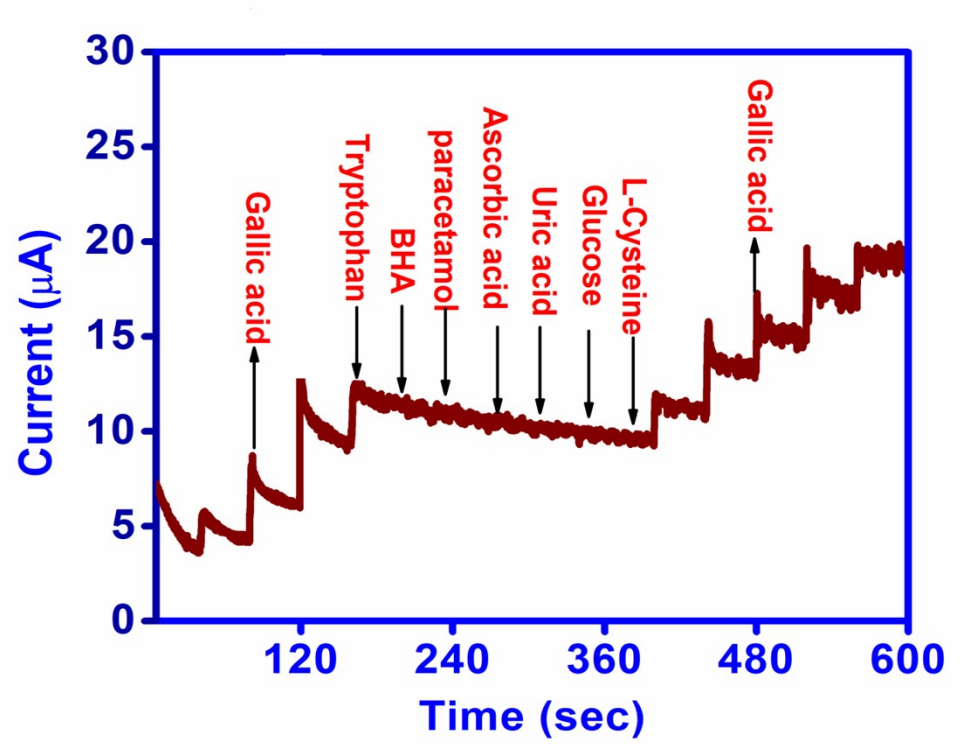

Fig.S1. Chronoamperometric response of GA with various interferences such as Tryptophan, uric acid, glucose, BHA, ascorbic acid, paracetamol, L-Cysteine

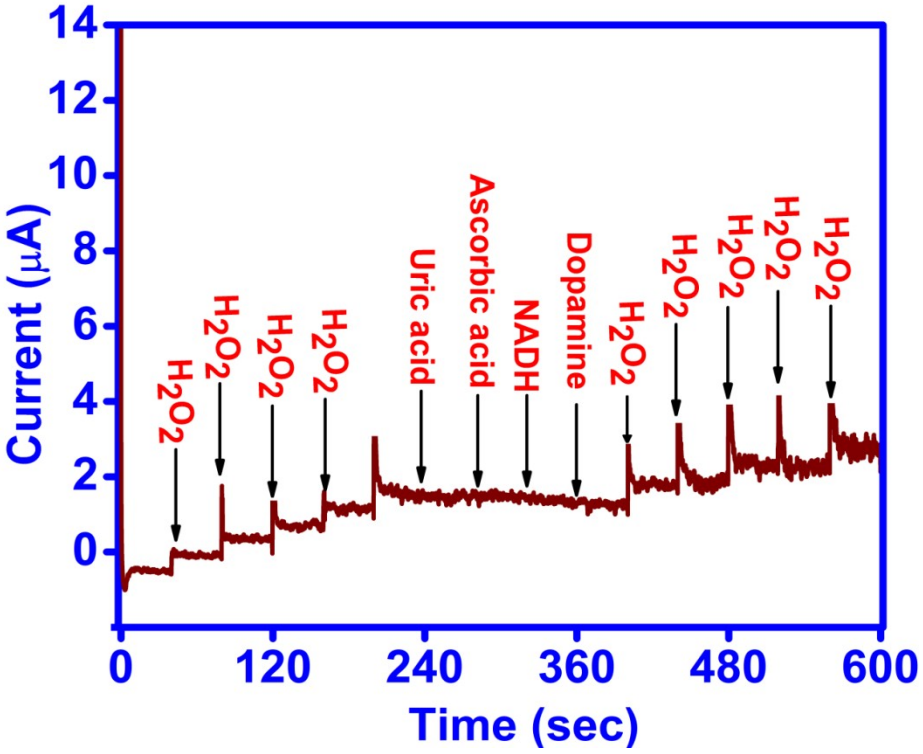

Fig.S2. Chronoamperometric response of H_2O_2 with various interferences such as uric acid, ascorbic acid, NADH, dopamine.

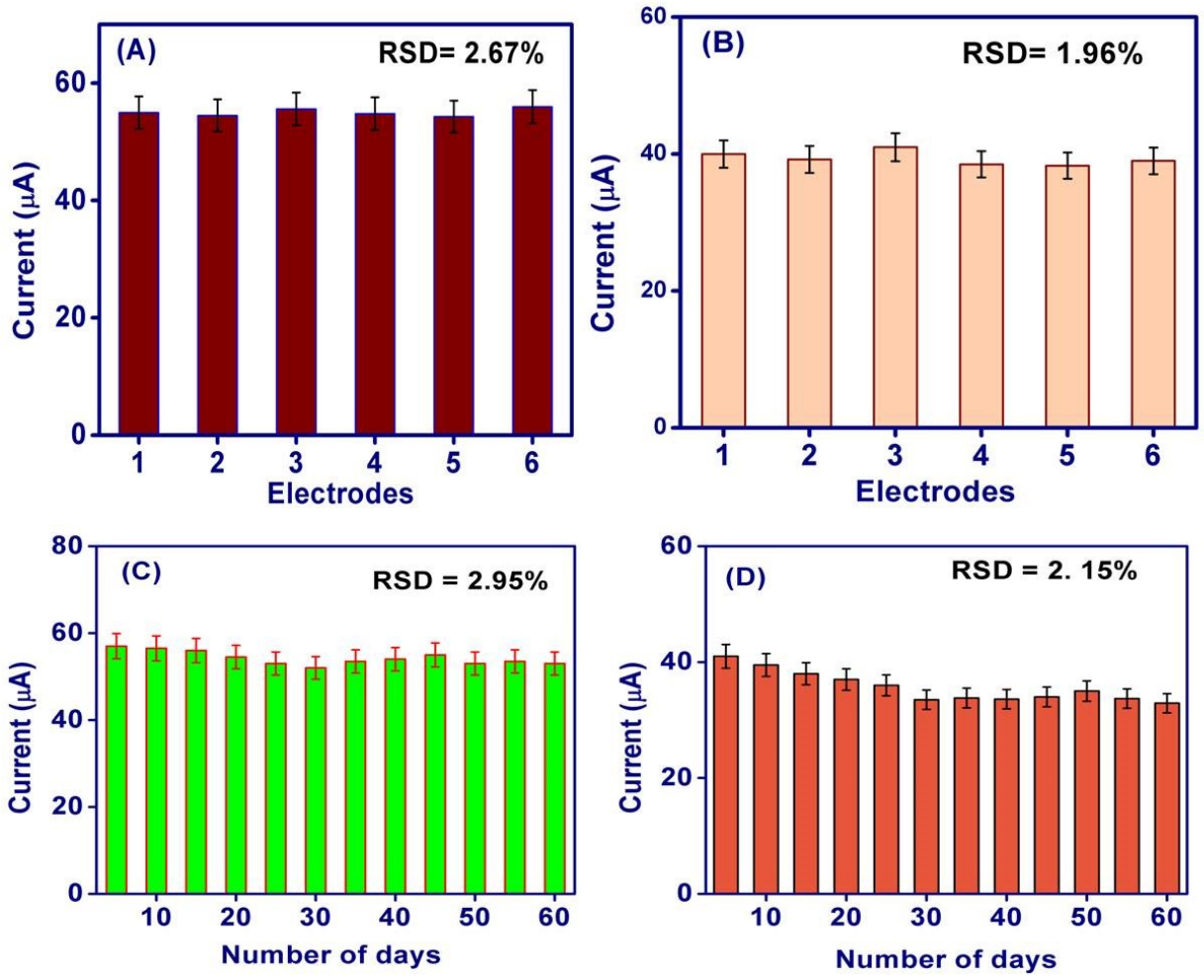

Fig.S3. Study of reproducibility (A,B) and stability of PAB electrode in 0.1 M PBS solution containing 50 μM GA and 30 μM H_2O_2