SUPPORTING INFORMATION

Nanostructured ZnO based electrochemical sensor with anionic surfactant for the electroanalysis of trimethoprim

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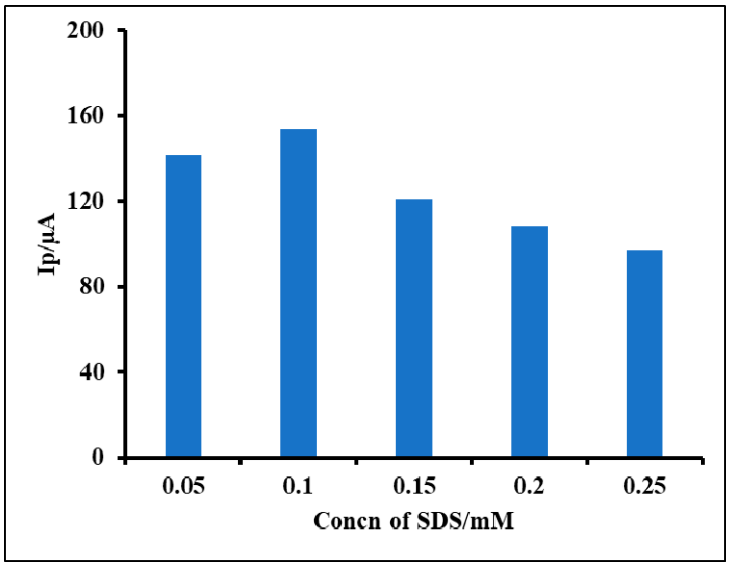


Figure S1. Different concentration of SDS (0.05mM,0.1mM, 0.15mM, 0.2mM, 0.25Mm) at 0.05 mM TMP with scan rate 0.05V/s.

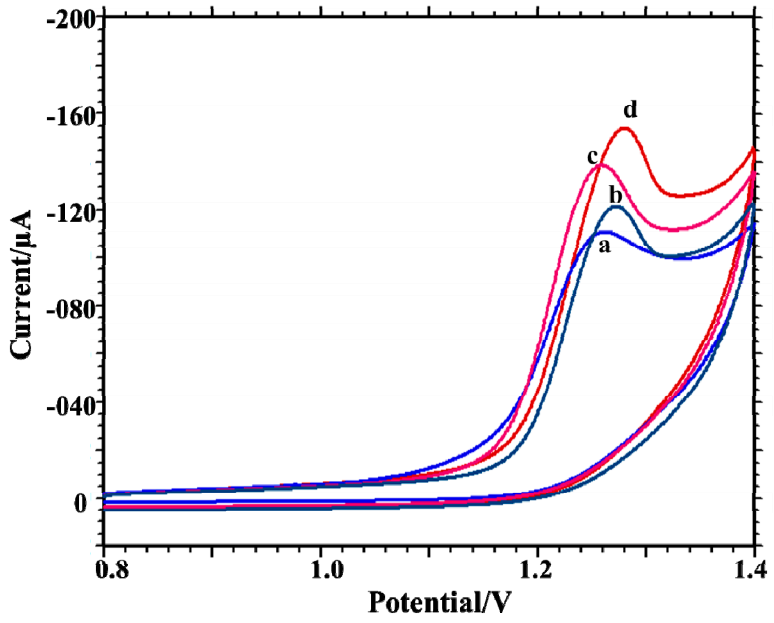


Figure S2. CV Voltammogram of different buffers (a; citrate buffer, b; sulphuric acid, c; Briton-Robinson buffer, d; phosphate buffer solutions) at 0.05 mM TMP with scan rate 0.05V/s.

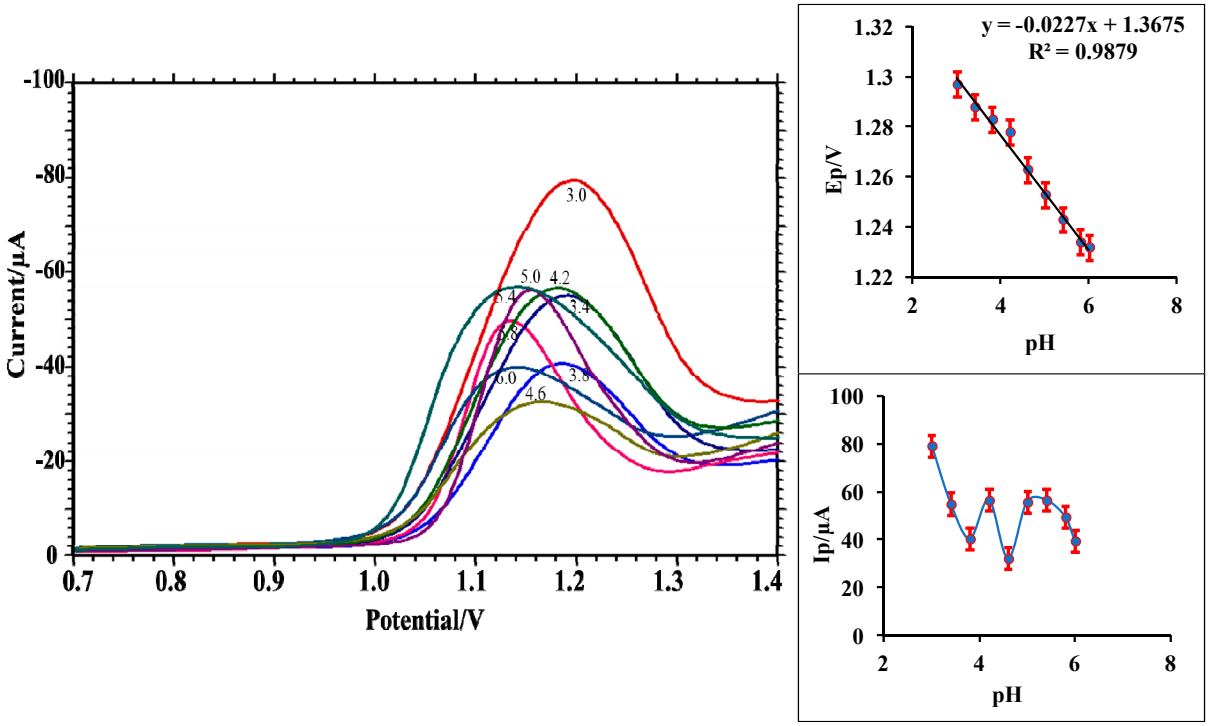


Figure S3. Effect of pH on electrochemical behavior of TMP by DPV method.

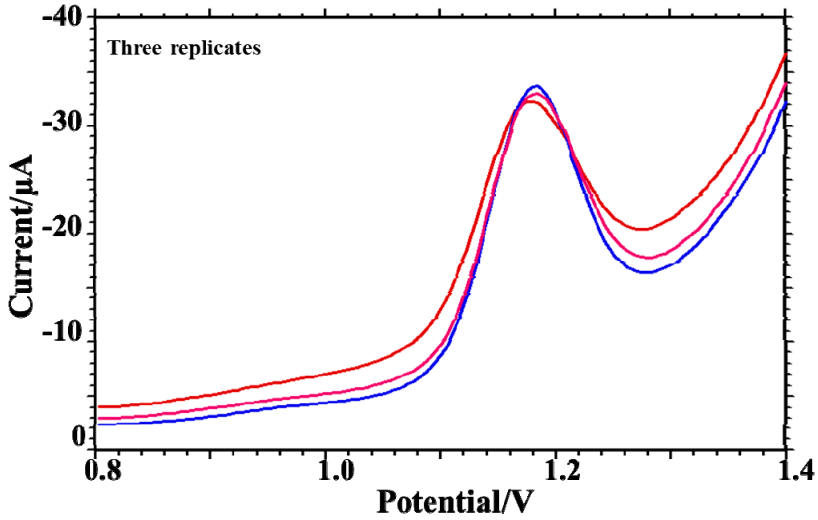


Figure S4. DPV for tablet analysis.

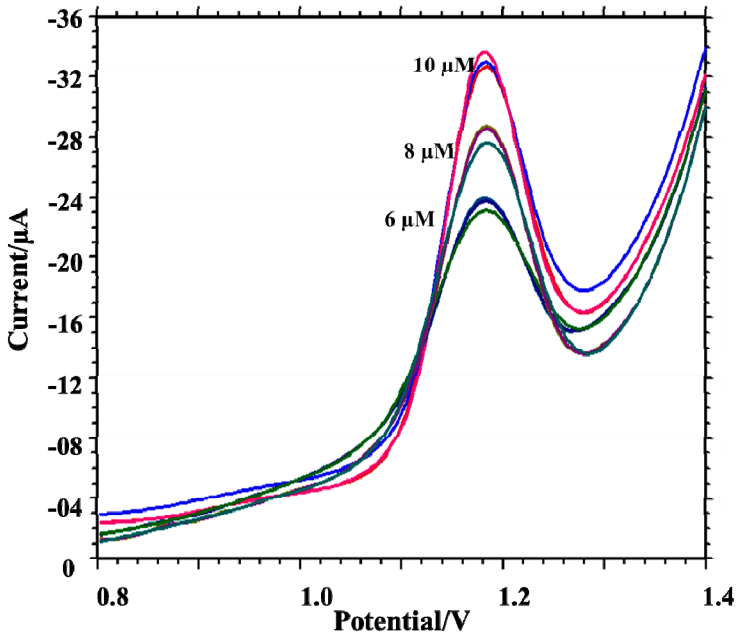


Figure S5. DPV for urine samples

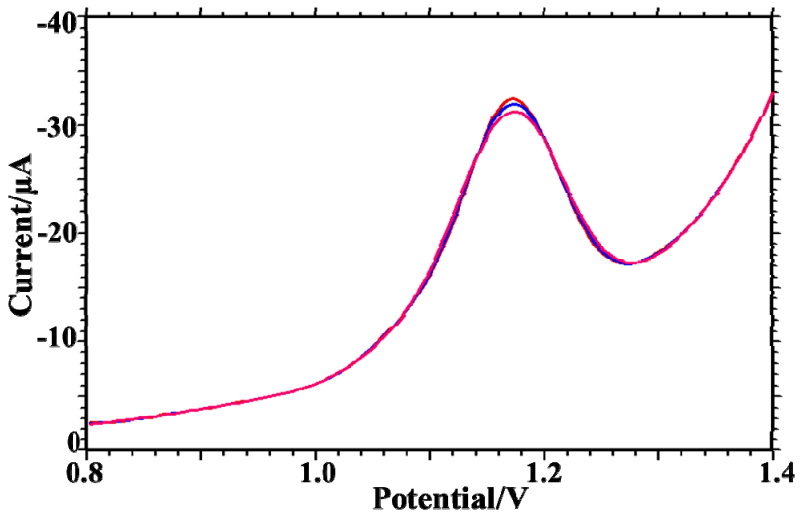
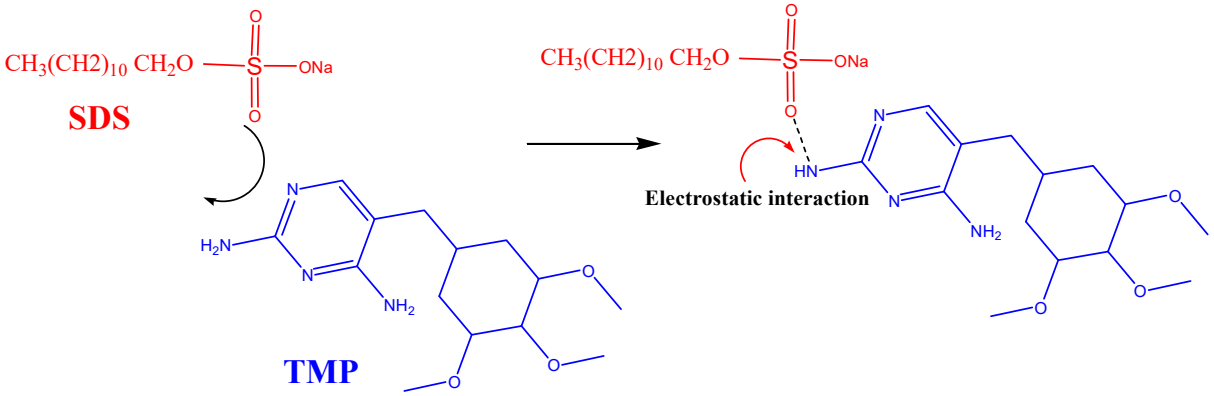


Figure S6. Reapatibility of SDS/ZnO/CPE sensor at 0.01mM TMP.



Scheme S1. Probable interaction of SDS and TMP.