Electronic Supplementary Material (ESI) for Analytical Methods.

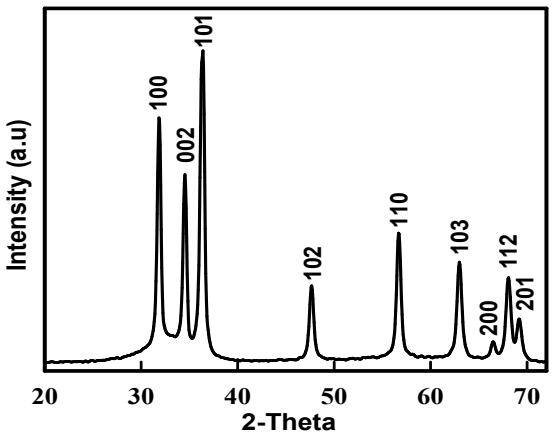

Figure S1. X-ray diffraction patterns of ZnO nanoparticles.

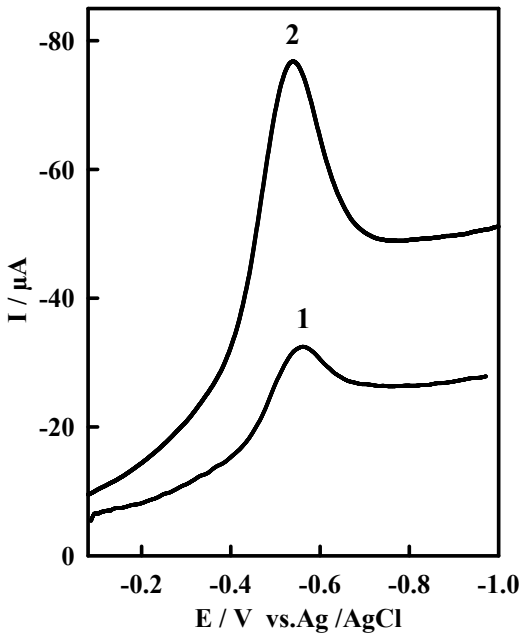

Figure S2. SW voltammograms 7.40 x 10^{-5} mol L^{-1} NLM in BR buffer of pH 6.0 obtained at (1) unmodified CPE and (2) modified ZnONPs/CPE in the presence of 1.45 x 10^{-4} mol L^{-1} CTAB.

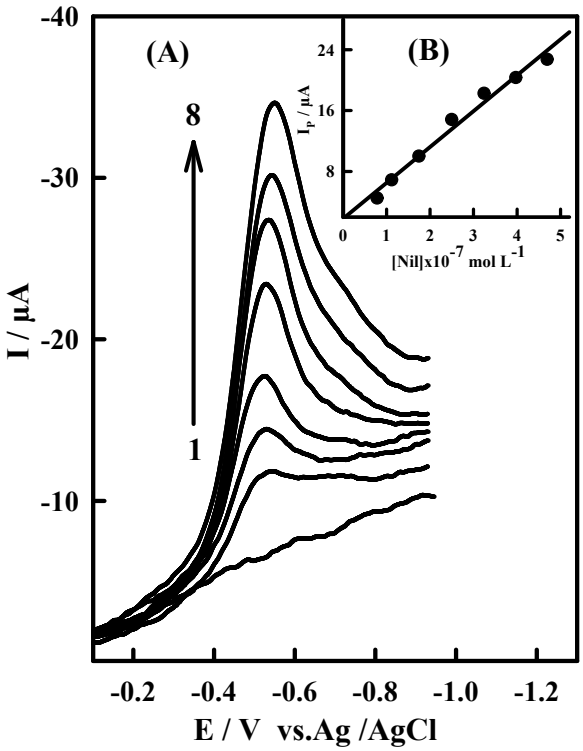

Figure S3. (A) SW voltammograms for determination of NLM spiked in human serum samples in BR solution of pH 6.0 at modified ZnONPs/CPE in the presence of 1.45 x 10^{-4} mol L^{-1} CTAB. [NLM]: (1) serum sample, (2) 7.81x 10^{-8}, (3) 1.11 x 10^{-7}, (4) 1.74 x 10^{-7}, (5) 2.49 x 10^{-7}, (6) 3.23 x 10^{-7}, (7) 3.96 x 10^{-7} and (8) 4.69 x 10^{-7} mol L^{-1}. (B) Calibration plot of I_P (µA) vs. [NLM] in BR solution of pH 6.0.

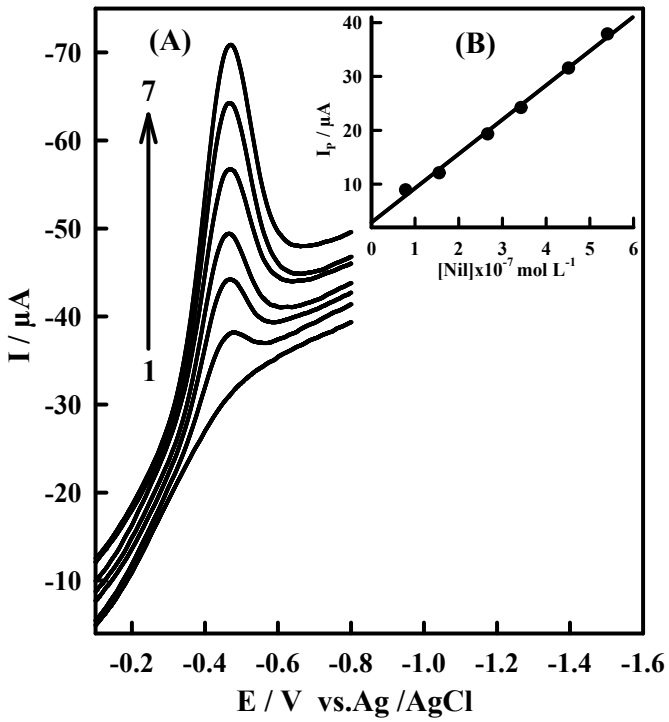

Figure S4. (A) SW voltammograms for determination of NLM spiked in human urine samples in BR solution of pH 6.0 at modified ZnONPs/CPE in the presence of 1.45 x 10^{-4} mol L^{-1} CTAB. [NLM]: (1) urine sample, (2) 7.81x 10^{-8}, (3) 1.55 x 10^{-7}, (4) 2.66 x 10^{-7}, (5) 3.42 x 10^{-7}, (6) 4.51 x 10^{-7} and (7) 5.40 x 10^{-7} mol L^{-1}. (B) Calibration plot of I_P (µA) vs. [NLM] in BR solution of pH 6.0.