

Supplementary Information

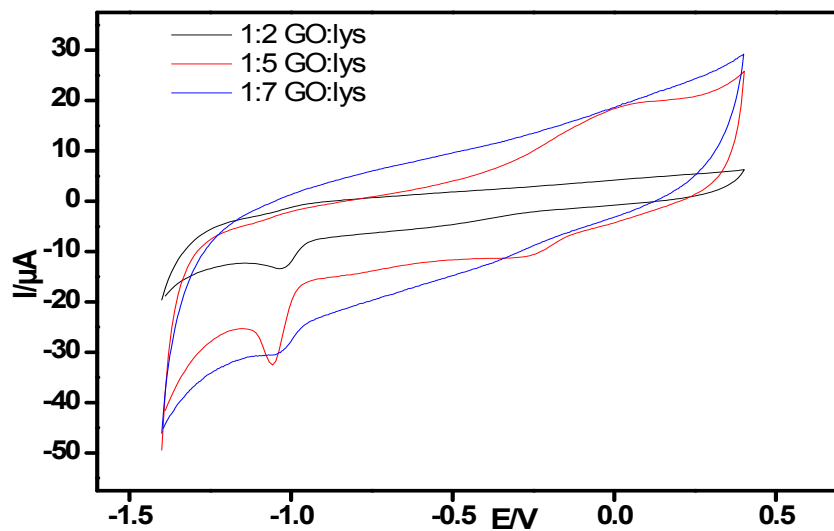


Figure S1: cyclic voltammogram showing electro catalytic behaviour shown by GO/lys composite with

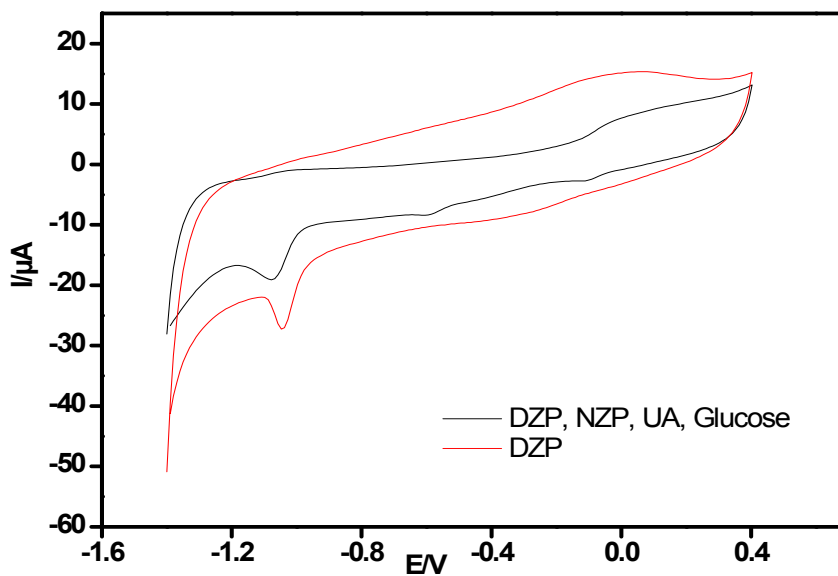


Figure S2: cyclic voltammogram showing interference studies for the detection of DZP in the presence of nitrazepam (NZP), uric acid (UA) and glucose (0.1 mg/ml)

Table S1: Table depicting the values of Z_w , R_{ct} , C_{dl} , R_s and Q for different electrodes

Electrode	Z_w	R_{ct}	C_{dl}	R_s	Q
Bare GCE	4834	329.1	1.2×10^{-6}	106.6	0.000631
GO/GCE	6335	2183	1.49×10^{-6}	97.83	0.000140
lys/GCE	7224	1509	6.57×10^{-7}	78.02	0.000444
GO/lys/GCE	982.7	1175	4.65×10^{-7}	57.49	0.000631