

Supporting Information

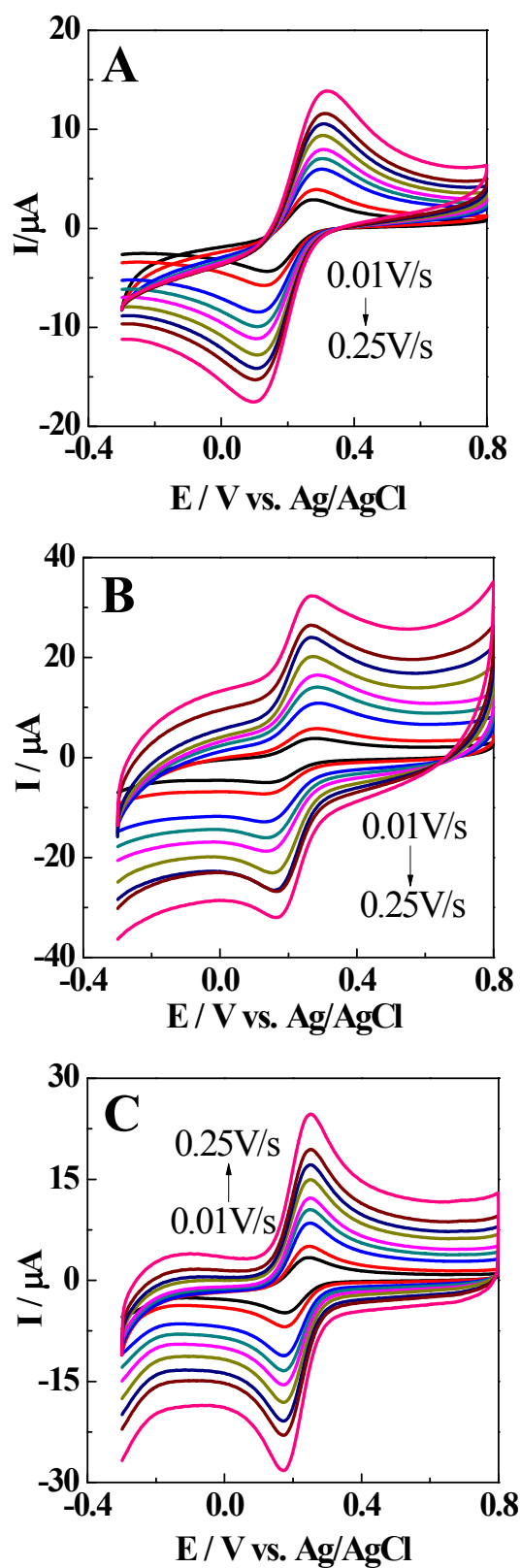


Fig. S1. CVs of (A)GCE,(B) ERGO/GCE,(C) Cu-MOF/ERGO/GCE in 1mM $[Fe(CN)_6]^{3-/4-}$ containing 0.1M KCl with different scan rates(from inner to outer are 10,20,50,70,90,120,150,180, 250 mVs^{-1} ,respectively.).

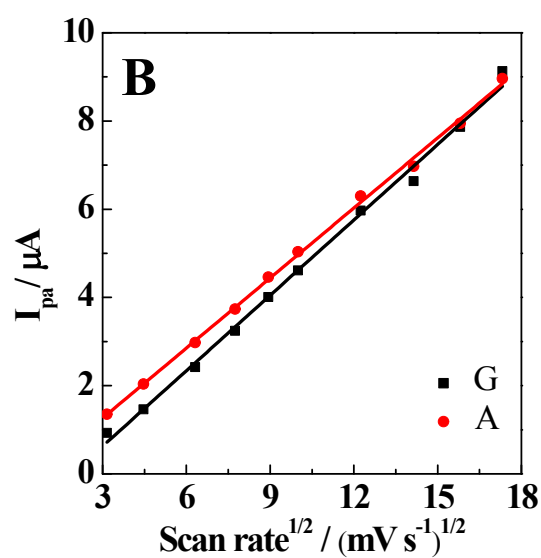
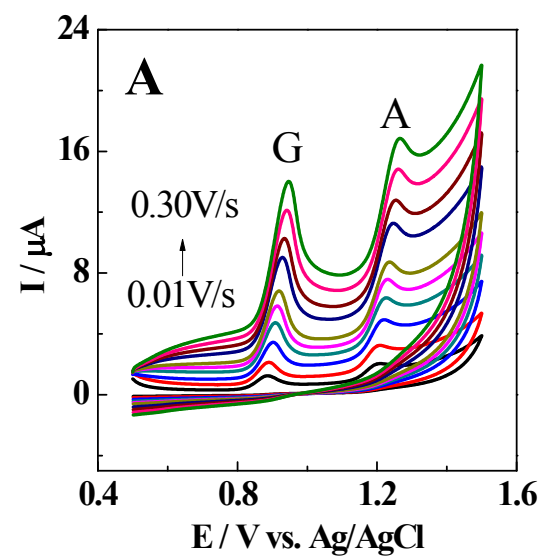


Fig. S2. (A) CVs of the mixture containing 200 μ M adenine and 100 μ M guanine on Cu-MOF/ERGO/GCE with different scan rates (from inner to outer are 10, 20, 40, 60, 80, 100, 150, 200, 250, 300 mV s^{-1} , respectively.) in 0.1 M PBS (pH 4.0). (B) Corresponding plots of the anodic peak currents (I_{pa}) versus square roots of scan rate.

Table S1. Determination of guanine and adenine in urine using the Cu-MOF/ERGO/GCE.

urine	Add (10^{-6} mol L $^{-1}$)		Found (10^{-6} mol L $^{-1}$)		Recovery (%)	
	Guanine	Adenine	Guanine	Adenine	Guanine	Adenine
1	4.00	8.00	3.89	7.65	97.25	95.63
2	20.00	60.00	20.44	57.31	102.20	95.52