

Electrochemical sensors for β -adrenoceptor agonist isoprenaline analysis in human urine and serum samples using manganese cobalt oxide modified glassy carbon electrode

Natesan Manjula, Shen-Ming Chen*^a

^aElectroanalysis and Bioelectrochemistry Lab, Department of Chemical Engineering and Biotechnology, National Taipei University of Technology, No.1, Section 3, Chung-Hsiao East 8 Road, Taipei 106, Taiwan, ROC

Corresponding Author:

*S.M. Chen, Fax: +886 227025238, Tel: +886 227017147, E-mail: smchen78@ms15.hinet.net

Table. S1 Determination of ISPT at MCO/GCE in human urine and serum sample

Samples	Added (μM)	Found (μM)	Recovery (%)	RSD (%)
Urine	5	4.95	99	1.24
	10	10.09	100.9	1.85
	15	15.18	101.2	2.54
	20	20.12	100.6	2.84
	25	25.17	100.7	3.88
Serum	5	4.98	99.6	1.26
	10	9.97	99.7	1.96
	15	15.05	100.3	2.81
	20	20.19	100.9	3.09
	25	25.08	100.3	3.75