

Remote sensing based analysis of the potentiometric in vivo detection

_____* , Kyung Lee¹, _____², _____², _____²
; ¹Fudan University, Yangpu -qu, Shanghai, China; ²Biosensor research institute
(suwyong@seoultech.ac.kr*)

An analysis of the potentiometric detection of the remote sensing assay was carried out using bio circuits with our systems; that of this research is more active than other common diagnostic methods. Variations in potentiometric response for accumulation results observed by using remote sensing in vivo body systems, which probe is sensitive and simple circuit is compact. Moreover, this study used handmade film electrode as working, reference and counter electrode, in vitro conditions amperometric I-t potential and cyclic voltammetric potentials were detected using from -2.0 V accumulation to 2.0 V final potential, with other parameters for amperometric sensitivity, amplitude potential, and muscle strength varying. Under optimum conditions, chronograms showed sensitive correlation of the remote signals, of which final results can be applied to brain wave controls.