

Experimental study of human skin film electrode

_____ 1,2, 3,* 4, 1, 1, 1,
1, 5
1 ; 2 ; 3 ; 4Fudan University; 5Biosensor research
institute

This study searched for in vitro film electrode, and a micro film probe was used for all other diagnostic measurements being performed on the human skin surface. More statistic accumulation intensity, mono pola on human skin surface can be done. Experiment detection was performed with connected voltammetric workstation by control program, which is a method for in vivo signal detector. The attached probe is stimulated by an external environment, such as optimum parameters for signal amplification, potential windows, stripping frequency and other para conditions exited. Final results can be responded to in real time, fast and sensitive current appeared; here can be usable for in vivo or vitro analysis at human skin surface and in any bodys.