PASSIVE SAMPLE DETECTION TO INITIATE TIMING OF AN ASSAY

ABSTRACT

The present invention provides methods and systems for passively and automatically detecting the presence of a sample (the "sample detection phase") upon application of the sample to a biosensor, identifying the sample detection time and then initiating the measurement of a targeted characteristic, *e.g.*, the concentration of one or more analytes, of the sample (the "measurement phase"), immediately upon sample detection. The subject methods and systems do not employ or involve the application of an electrical signal from an external source to the electrochemical cell for purposes of performing the sample detection phase and are, thus, less complicated and involve fewer steps and components.

Figure 3

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