APPARATUS AND METHOD FOR ANALYTE CONCENTRATION DETERMINATION

Abstract Of The Disclosure

[0084] Apparatuses and methods for determining the concentration of an analyte in a physiological sample are provided. The subject apparatuses include at least one light source, a detector array, means for determining whether a sufficient amount of sample is present on each of the plurality of different areas, and means for determining the concentration of the analyte based on the reflected light detected from those areas determined to have sufficient sample, where areas having insufficient sample are not used in analyte concentration determination The subject methods include illuminating each area of a test strip, obtaining reflectance from each of the different areas, determining which areas have sufficient sample based on detected light therefrom and deriving analyte concentration from the areas determined to have sufficient sample, where areas determined not to have sufficient sample are not used in the derivation Also provided are kits for use in practicing the subject methods.

Figure 2



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