ANALYTE CONCENTRATION DETERMINATION METERS AND METHODS OF USING THE SAME

ABSTRACT OF THE DISCLOSURE

[0081] Devices and methods for analyte concentration determination are provided. The subject devices have a housing having an aperture, a lancing element having a lancet held therein disposed within the housing, means for activating the lancing element to displace the lancet to provide an incision in an area of skin to provide physiological sample, and means for determining whether a sufficient amount of the physiological sample is present at the surface of the skin. The subject methods include lancing an area of skin to provide physiological sample at the surface of the area of skin, illuminating the physiological sample present at the surface of skin, detecting light reflected from the physiological sample, and determining whether the physiological sample is present in an amount sufficient for analyte concentration determination based upon the detected light The subject invention also includes kits for use in practicing the subject methods.

Figure 7A



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