PHYSIOLOGICAL SAMPLE COLLECTION DEVICES AND METHODS OF USING THE SAME

ABSTRACT

[00115] Devices, systems and methods are provided for piercing the skin, accessing and collecting physiological sample therein, and measuring a characteristic, *e.g.*, an analyte concentration, of the sampled physiological sample. The subject devices are in the form of a test strip which include a biosensor and at least one skin-piercing element which is a planar extension of a portion of the biosensor. At least one fluid pathway resides within a portion of the biosensor and within the skin-piercing element. The skin-piercing element has a space-defining configuration therein which acts as a sample fluid pooling area upon penetration into the skin. Systems are provided which include one or more test strip devices and a meter for making analyte concentration measurements. Methods for using the devices and systems are also provided.

Figure 1C



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