

Title (en)  
SAMPLING DEVICES FOR BODILY FLUIDS

Title (de)  
ENTNAHMEVORRICHTUNG FÜR KÖRPERFLÜSSIGKEITEN

Title (fr)  
DISPOSITIFS DE PRELEVEMENT DE LIQUIDES CORPORELS

Publication  
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Application  
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Abstract (en)  
[origin: WO02100275A1] Systems and methods for the sampling of bodily fluid from an incision in the skin include a sampling device (10) including an incising device (14) coupled with a housing (12). The incising device (14) includes a piercing portion (18) that extends outwardly of the housing (12) and includes a curved, angled or skewed portion. The housing (12) and/or the incising device (14) defines a sampling passageway (28) having an inlet opening (30) adjacent to, and on the interior side (22) of, the piercing portion (18). The piercing portion (18) protects the inlet opening (30) from becoming blocked or clogged by the body tissue, and facilitates the collection of the bodily fluid at the incision site. In another aspect, the present invention provides a test unit (60) that incorporates the sampling device (10) and is operable to incise the skin, collect the bodily fluid from the incision, and analyze a property or constituent of the bodily fluid. The present invention also encompasses methods for incising the skin and collecting the produced bodily fluid by use of a sampling device as described. In further embodiments, the invention includes the combination of the foregoing systems and methods with expressing and/or testing systems and methods, particularly in a single, integrated device.

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