

Title (en)
DEVICES AND FORMULATIONS FOR DETECTING, SCREENING AND MONITORING LEVELS OF CERTAIN CONSTITUENTS IN BODILY FLUIDS AND METHOD

Title (de)
VORRICHTUNGEN UND FORMULIERUNGEN ZUR DETEKTION, ERFASSUNG UND ÜBERWACHUNG DER WERTE VON BESTIMMTEN BESTANDTEILEN IN KÖRPERFLÜSSIGKEITEN UND VERFAHREN DAFÜR

Title (fr)
DISPOSITIFS ET FORMULATIONS PERMETTANT DE DÉTECTER, SÉLECTIONNER ET SURVEILLER DES NIVEAUX DE CERTAINS CONSTITUANTS DANS DES FLUIDES CORPORELS, ET PROCÉDÉ

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Application
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Abstract (en)
[origin: WO2017180108A1] A device is disclosed for conducting a non-invasive analysis of a bodily fluid to determine the presence and level of a certain constituent carried by the bodily fluid. An indicator formulation of the device changes color in response to exposure to the constituent to provide a visible indication of the presence and level of the constituent carried by the bodily fluid. A carrier substrate of the device is constructed of a material having voids providing a high void volume within the substrate. The device is made by applying a chromagen to the carrier substrate to create a chromagen-laden carrier member. Then, a selected reagent having a particular constituent-specific formulation is applied to the chromagen-laden member. The selected reagent then combines with the chromagen, thereby establishing the indicator formulation within the carrier substrate in place for reception of a sample of the bodily fluid.

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