

Title (en)

METHOD AND DEVICE FOR MEASURING AN ENZYMATIC ACTIVITY IN A BODY FLUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MESSEN VON ENZYMAKTIVITÄT IN EINER KÖRPERFLÜSSIGKEIT

Title (fr)

PROCEDE ET DISPOSITIF DE MESURE D'UNE ACTIVITE ENZYMATIQUE DANS UN FLUIDE BIOLOGIQUE

Publication

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Application

EP 05796245 A 20050805

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Abstract (en)

[origin: WO2006024788A1] The invention concerns a method and a device for measuring an enzymatic activity in a body fluid. The method comprises the following steps: a) providing a support having a conductive surface whereon is immobilized a substrate specific of the enzymatic activity to be measured, the substrate comprising an electroactive residue; b) reacting a sample of the body fluid with the substrate so as to bring about an enzymatic reaction generating an electroactive product; c) detecting the amount of electroactive product by amperometric measurement using a support in contact with the medium containing the enzyme. The invention is useful in particular for measuring enzymatic activities related to blood coagulation.

IPC 8 full level

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