

Title (en)

ASSAY METHOD AND DEVICE FOR DETECTING THE PRESENCE AND CONCENTRATION OF ANALYTES WHILE SIMULTANEOUSLY PREVENTING ANALYTE ADSORPTION TO SOLID MATERIALS USED IN THE ASSAY

Title (de)

VERFAHREN UND VORRICHTUNG ZUM NACHWEIS DER ANWESENHEIT UND DER KONZENTRATION VON ANALYTEN BEI GLEICHZEITIGER VERHINDERUNG DER ADSORPTION AN DIE MATERIALIEN, DIE IM VERFAHREN GEBRAUCHT WERDEN

Title (fr)

PROCEDE ET DISPOSITIF DE DOSAGE PERMETTANT DE DETERMINER LA PRESENCE ET LA CONCENTRATION D'ANALYTES

Publication

**EP 1311855 A2 20030521 (EN)**

Application

**EP 01965895 A 20010809**

Priority

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- US 64061500 A 20000817

Abstract (en)

[origin: WO0214869A2] This invention provides a method and a device for determining the presence and/or quantity of a hydrophobic analyte in a biological solution suspected of containing the analyte with enhanced sensitivity and precision. Sensitivity and precision of the method are achieved by selecting an antibody capable of binding to hydrophobic regions of the analyte, adding the selected antibody to the analyte before applying the solution containing the analyte to solid materials of the method and device, and hence, preventing adsorption of the analytes to the solid materials.

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