

Title (en)

COMB-LIKE SOLID PHASE FOR MEASURING ANALYTES

Title (de)

KAMM-ÄHNLICHE FESTPHASE ZUM MESSEN VON ANALYTEN

Title (fr)

PHASE SOLIDE DE TYPE PEIGNE POUR MESURER LES ANALYTES

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Application

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Abstract (en)

[origin: WO9954734A1] Herein described is an assay method that greatly simplifies the detection and determination of the identity, amount and activity of molecules with biological activity. The assay allows for the quick and easy measurement of the amount and activity of enzymes, enzyme inhibitors, lectins, receptors and other biologically active substances using a one-step technique for isolating a reactant from a product after completion of the reaction. The method involves the insertion of a probe having an outer surface coated with a reactant into a reaction vessel containing the compounds of interest, allowing the reaction to proceed for a given period of time and then withdrawing the probe from the reaction vessel. The amount of labeled products or reactants in the reaction vessel can then be measured either directly or by determining the quantity of reactant remaining on the probe, without the need for additional steps such as washing.

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