

Title (en)
KIT ZUR ASSAY-ENTWICKLUNG UND FÜR SERIEN-ANALYSEN

Title (de)
KIT FOR THE DEVELOPMENT OF ANALYSIS IN PARALLEL

Title (fr)
TROUSSE DE MISE AU POINT DE DOSAGE ET D'ANALYSES EN SERIE

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Abstract (en)
[origin: WO03096018A2] The invention relates to a kit for assay development and for carrying out a plurality of analyses, comprising: a carrier substrate and a placement body jointly forming an arrangement of a plurality of sample containers, consisting of said carrier substrate as a base plate, in addition to a plurality of immobilized bonding partners for the detection of one or several analytes in one or several samples in a bioaffinity assay, said bonding partners being arranged and immobilized on the carrier substrate inside the sample containers in respective two-dimensional arrays of discrete measuring areas, wherein respectively at least one measuring area of an array or a partial surface inside an array or sample container is provided on the carrier substrate for referencing purposes, and the surface density of the immobilized bonding partners, in relation to the surface of the measuring areas, is less than the surface density of a full, i.e. extensive, mono layer of said bonding partners. The composition of the inventive kit is such that, surprisingly, it enables a full series of measurements to be carried out on an individual carrier substrate. The invention also relates to an analytical system wherein the inventive kit is used, and to analytical detection methods based thereon and the use thereof.

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