

Title (en)
METHOD FOR THE RAPID SCREENING OF ANALYTES

Title (de)
VERFAHREN ZUR SCHNELLEN BESTIMMUNG VON ANALYTEN

Title (fr)
PROCEDE DE CRIBLAGE RAPIDE D'ANALYTES

Publication
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Application
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Priority
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Abstract (en)
[origin: WO0014540A1] A method for the rapid screening of analytes, such as potential drug candidates, comprises the steps of applying a plurality of analytes to be screened onto one or more solid support(s) (61) such that the analytes remain isolated from one another; contacting said analyte-carrying solid support(s) (61) with targets provided in a semi-solid or liquid medium, whereby said analytes are released from the solid support(s) (61) to the targets; and measuring analyte-target interactions. This method allows for the manipulation of thousands of different analytes simultaneously. When the analyte is applied to the solid support (61) it can diffuse thereon so as to produce a concentration gradient and serial dilution of analyte if a dose response curve for a candidate drug is required. The method described can be readily automated.

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G01N 33/543; B01L 3/02; G01N 33/569; G01N 33/573; C12Q 1/18

IPC 8 full level
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Citation (examination)

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- WO 9930154 A2 19990617 - ABBOTT LAB [US]
- WO 9511450 A1 19950427 - MEDICAL RES COUNCIL [GB], et al
- See also references of WO 0014540A1

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