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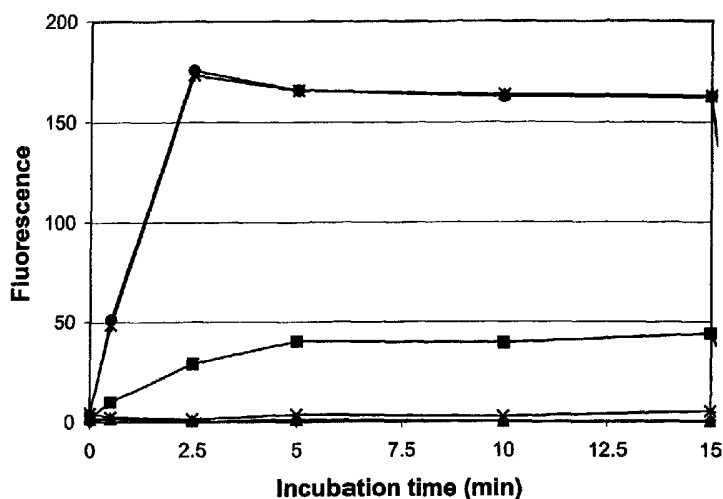
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(54) Title: BIOMOLECULAR KINETICS METHOD USING A FLOW-THROUGH MICROARRAY



◆ MCL17 180 μM
■ MCO31 180 μM
▲ R381 180 μM
✕ MDG21 180 μM
✱ MCY18 180 μM
● MDE27 180 μM

(57) Abstract: The present invention relates to methods for monitoring interactions between target-molecules and at least one analyte comprising: (a) contacting a plurality of target-molecules, said target-molecules being immobilized on a porous substrate, with a sample, said sample comprising at least one analyte; (b) incubating said target-molecules with said sample under conditions supporting target-molecule/analyte interaction; (c) monitoring said interaction as defined in step (b), said monitoring being in function of time of incubation as defined in step (b); (d) optionally determining at least one interaction parameter; (e) varying said conditions as defined in step (b) by varying a reaction parameter; and repeating, at least once, steps (c) to (e). The present invention further relates to the uses of said methods as well as to the use of a porous substrate for the preparation of a microarray kit for carrying out said methods.



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, INSPEC, COMPENDEX, MEDLINE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 31304 A (PERKIN ELMER CORP) 2 June 2000 (2000-06-02) the whole document abstract page 11, line 29 - line 33 page 12, line 20 -page 13, line 13 page 26, line 3 -page 27, line 16 page 30, line 1 - line 35	1-5, 8-10,13, 16-23,33
Y	---	1-33
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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