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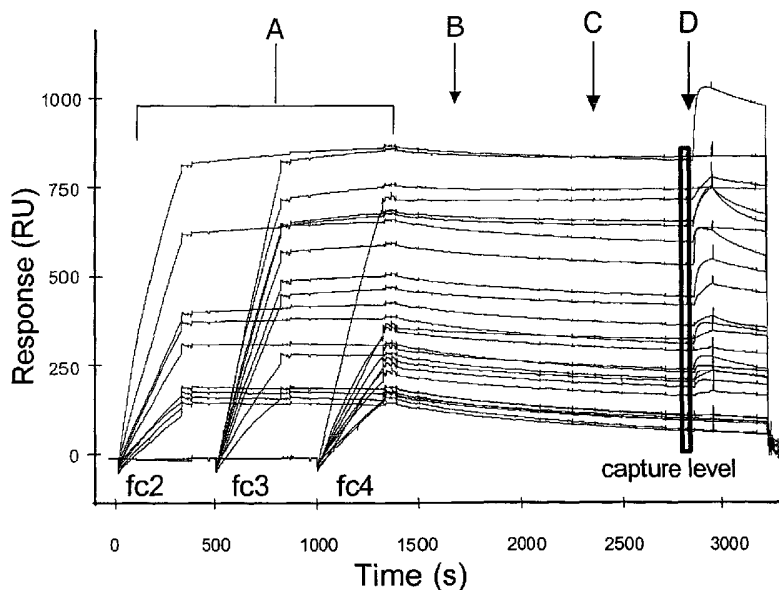
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(54) Title: IMPROVED METHODS FOR DETERMINING BINDING AFFINITIES



(57) Abstract: The present invention relates generally to methods for screening a plurality of ligands using a biosensor device. More particularly, the present invention relates to methods for screening a plurality of antibodies from complex solutions using a surface plasmon resonance device. The methods of this invention provide kinetic and equilibrium information for such screening assays. The present invention also relates to systems for determining kinetic rate constants for such screening assays.

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Previous Correction:

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 557
 US CL : 436/517

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)
 U.S. : Please See Continuation Sheet

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,492,840 A (MALMQVIST et al) 20 February 1996 (20.02.1996), see entire document.	1-28

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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