

Title (en)

METHOD AND REAGENTS FOR INVESTIGATING FUNCTIONAL MOLECULAR INTERACTIONS

Title (de)

VERFAHREN UND REAGENZIEN ZUR UNTERSUCHUNG VON FUNKTIONELLEN MOLEKULARWECHSELWIRKUNG

Title (fr)

METHODE PERMETTANT D'ETUDIER DES INTERACTIONS MOLECULAIRES FONCTIONNELLES ET REACTIFS UTILISES A CET EFFET

Publication

**EP 1282818 A2 20030212 (EN)**

Application

**EP 01922998 A 20010330**

Priority

- US 0110506 W 20010330
- US 19382600 P 20000331

Abstract (en)

[origin: WO0175443A2] The present invention provides a multiplexed assay for analyzing complex molecular interactions. Thus, the invention relates to a method of identifying, in a single assay, the relative binding of two or more first members of a binding pair to one or more second members of a binding pair. The invention also relates to a method of identifying, in a single assay, the relative modulation, by a modulating agent, of binding between two or more binding pairs or between two or more binding complexes. Further provided are methods of screening, in a single assay, for an agent or agents with a selected binding profile or for an agent that modulates binding between two or more first members of a binding pair and one or more second members of a binding pair or the members of two or more binding complexes. The invention also relates to a set of microspheres coupled with a set of cofactors, wherein the microspheres are labeled with a label specific for each cofactor of the set.

IPC 1-7

**G01N 33/543**

IPC 8 full level

**G01N 33/566** (2006.01); **G01N 21/78** (2006.01); **G01N 33/15** (2006.01); **G01N 33/483** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/543** (2006.01); **G01N 33/58** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP)

**G01N 33/54346** (2013.01); **G01N 33/587** (2013.01)

Citation (search report)

See references of WO 0175443A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0175443 A2 20011011**; **WO 0175443 A3 20021128**; AU 4973801 A 20011015; EP 1282818 A2 20030212; JP 2003529767 A 20031007

DOCDB simple family (application)

**US 0110506 W 20010330**; AU 4973801 A 20010330; EP 01922998 A 20010330; JP 2001572869 A 20010330