

Title (en)
ABSORBANCE MULTIPLEX TECHNOLOGY

Title (de)
MULTIPLEX-ABSORPTIONSTECHNOLOGIE

Title (fr)
TECHNIQUE MULTIPLEX PAR ABSORBANCE

Publication
EP 1352241 A1 20031015 (EN)

Application
EP 01992259 A 20011221

Priority
• US 0149745 W 20011221
• US 25828600 P 20001221
• US 94782301 A 20010906

Abstract (en)
[origin: WO0250537A1] A method of simultaneously detecting and quantitating multiple target molecules in a single reaction well of a reaction surface. Antibodies to different target molecules are bound to a reaction surface. A sample solution believed to contain the target molecules is added to the reaction surface and incubated. During incubation, the target molecules form complexes with the bound antibodies. After a washing step, an enzyme-bound antibody mixture is added to the reaction surface. The enzyme-bound antibodies have an affinity for the target molecule/bound antibody complexes. The sequential addition of specific enzyme substrates permits the detection of multiple target molecules without poisoning any of the enzymes. A kit for the simultaneous detection of multiple target molecules is also disclosed.

IPC 1-7
G01N 33/53; C07H 5/00; C07H 7/00; C07H 15/00

IPC 8 full level
G01N 33/543 (2006.01)

CPC (source: EP)
G01N 33/54306 (2013.01)

Citation (search report)
See references of WO 0250537A1

Designated contracting state (EPC)
AT BE CH CY DE FR GB LI

DOCDB simple family (publication)
WO 0250537 A1 20020627; AU 3272202 A 20020701; CA 2432398 A1 20020627; EP 1352241 A1 20031015

DOCDB simple family (application)
US 0149745 W 20011221; AU 3272202 A 20011221; CA 2432398 A 20011221; EP 01992259 A 20011221