

Title (en)

A HIGH-THROUGHPUT SYSTEM FOR EVALUATING THE CLINICAL UTILITY OF MOLECULAR TARGETS IN TISSUE SAMPLES

Title (de)

HOCHDURCHSATZSYSTEM ZUM BEWERTEN DES KLINISCHEN NUTZENS VON MOLEKULAREN ZIELMOLEKÜLEN IN GEWEBEPROBEN

Title (fr)

SYSTEME A HAUT DEBIT POUR L'EVALUATION DE L'UTILITE CLINIQUE DE CIBLES MOLECULAIRES DANS DES ECHANTILLONS DE TISSUS

Publication

EP 1135680 A1 20010926 (EN)

Application

EP 00965348 A 20000922

Priority

- US 0026113 W 20000922
- US 15566599 P 19990924

Abstract (en)

[origin: WO0122086A1] An approach to establishing the clinical utility of a molecular target entails bringing a large quantity of different tissue samples into contact, in a high-throughput manner, with a stain that specifically binds a target molecule *in situ*, and then determining the extend to which the stain has bound the target molecule in the tissue samples. To this end, apparatus can be employed that comprises (i) a tissue microarray, having hundreds of small tissue samples upon which reagents may be applied; (ii) an automated staining instrument for applying reagents to the tissue samples and then carrying out most of the steps required for *in situ* hybridization and immunohistochemistry, and (iii) an imaging instrument to allow a user readily to ascertain the presence and/or the quantity of target in each of the samples.

IPC 1-7

G01N 33/53; **G01N 33/567**; **G01N 33/574**; **C12M 1/36**; **C12M 1/38**; **C12M 3/00**

IPC 8 full level

C12M 1/00 (2006.01); **C12M 1/34** (2006.01); **C12M 1/36** (2006.01); **C12M 1/38** (2006.01); **C12M 1/40** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 1/28** (2006.01); **G01N 1/30** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/567** (2006.01); **G01N 33/574** (2006.01); **G01N 33/58** (2006.01); **G01N 35/00** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP)

G01N 33/5088 (2013.01); **G01N 33/567** (2013.01); **G01N 33/574** (2013.01)

Cited by

US10746752B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0122086 A1 20010329; EP 1135680 A1 20010926; EP 1135680 A4 20041215; JP 2003510571 A 20030318

DOCDB simple family (application)

US 0026113 W 20000922; EP 00965348 A 20000922; JP 2001525405 A 20000922