

Title (en)  
SCREENING ASSAYS FOR COMPOUNDS

Title (de)  
ÜBERPRÜFUNGSTESTE FÜR VERBINDUNGEN

Title (fr)  
EPREUVES DE SELECTION DE COMPOSES

Publication  
**EP 0873142 A4 20010808 (EN)**

Application  
**EP 96916950 A 19960603**

Priority  
• US 9608332 W 19960603  
• US 48815695 A 19950607

Abstract (en)  
[origin: WO9640276A1] The invention is directed to rapid and quantitative assay systems for screening test compounds for their ability to modulate tyrosine kinase or phosphotyrosine phosphatase activities involved in signal transduction. These assays may be practiced in a whole cell or cell-free system. The assays can be used to identify compounds for use in therapeutic applications to disease processes in which tyrosine kinase or phosphatase activity in a signal transduction pathway contributes to a pathological process.

IPC 1-7  
**A61K 49/00**; G01N 31/00; G01N 33/48; G01N 33/53; G01N 33/573; G01N 33/542; G01N 33/543; G01N 33/551; G01N 33/544; C12Q 1/50; G01N 33/50; C12Q 1/42; C12Q 1/48

IPC 8 full level  
**C12Q 1/42** (2006.01); **C12Q 1/48** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)  
**C12Q 1/42** (2013.01); **C12Q 1/485** (2013.01); **G01N 33/6812** (2013.01); **G01N 33/6842** (2013.01)

Citation (search report)  
• [X] WO 9303377 A1 19930218 - ZILTENER HERMANN J [CA]  
• See references of WO 9640276A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**WO 9640276 A1 19961219**; AU 5965896 A 19961230; EP 0873142 A1 19981028; EP 0873142 A4 20010808

DOCDB simple family (application)  
**US 9608332 W 19960603**; AU 5965896 A 19960603; EP 96916950 A 19960603