

Title (en)  
FUNCTIONAL IN VITRO IMMUNOASSAY

Title (de)  
FUNKTIONELLER IN VITRO IMMUNASSAY

Title (fr)  
DOSAGE IMMUNOLOGIQUE IN VITRO FONCTIONNEL

Publication  
**EP 1922545 A1 20080521 (DE)**

Application  
**EP 06791374 A 20060908**

Priority  
• DE 2006001604 W 20060908  
• DE 2005001594 W 20050908  
• EP 05090297 A 20051026  
• EP 06791374 A 20060908

Abstract (en)  
[origin: WO2007028380A1] The invention relates to a method for the in vitro monitoring of the effect of substances in in vivo processes and to an in vitro detection method, for identifying immunomodulating compounds and/or for detecting the effect of immunomodulating compounds as well as for identifying compounds which induce apoptosis and/or necrosis by means of the immune system in in vivo processes. The claimed methods are particularly suitable for monitoring the effects of substances on cells which are mediated by the immune system. Since cells of the immune system with the substances in the primary incubation can impart their effect thereon, the in vivo effects of the substances are monitored in the secondary incubation by incubating with target cells the supernatants or the mixture of cells and supernatant of the primary incubation, which contain, inter alia, the deposited products from the cells of the immune system. The claimed method is also suitable for the in vitro monitoring of the in vivo effects before, during and/or after the dosage of immunomodulating compounds as well as compounds that induce apoptosis and/or necrosis.

IPC 8 full level  
**G01N 33/50** (2006.01)

CPC (source: EP US)  
**G01N 33/5047** (2013.01 - EP US); **G01N 33/56966** (2013.01 - EP US); **G01N 2500/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007028380A1

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007028380 A1 20070315**; AU 2006289514 A 20070315; CA 2621789 A1 20070315; CN 101292159 A 20081022;  
EP 1922545 A1 20080521; JP 2009506780 A 20090219; RU 2008113383 A 20091020; RU 2416797 C2 20110420; US 2009220931 A1 20090903

DOCDB simple family (application)  
**DE 2006001604 W 20060908**; AU 2006289514 A 20060908; CA 2621789 A 20060908; CN 200680039422 A 20060908;  
EP 06791374 A 20060908; JP 2008529467 A 20060908; RU 2008113383 A 20060908; US 6636506 A 20060908