

Title (en)  
COMBINATION ASSAY FOR ANTIBODY OR ANTIGEN

Publication  
**EP 0511216 A4 19930505 (EN)**

Application  
**EP 90917600 A 19901031**

Priority  
US 46606190 A 19900116

Abstract (en)  
[origin: WO9110747A1] An immunoassay for determining a first antigen (Ag1) and/or an antibody (Ab2) to a second antigen (Ag2) in a sample, which immunoassay comprises the steps: (a) contacting the sample with a solid support on which Ag2 and an antibody (Ab1) to Ag1 have been coated so that sample Ag1 and sample Ab2, if present, will become bound to Ab1 and Ag2, respectively; (b) adding Ag2 in the form of a detecting reagent; the addition being performed under conditions allowing the formation of an immune complex between added Ag2 and sample Ab2 bound to the solid support in step (a); (c) adding Ab1 in the form of a detecting reagent; the addition being performed under conditions allowing the formation of an immune complex between added Ab1 and sample Ag1 bound to the solid support in step (a); (d) measuring the amount of immune complex formed in step (b) and (c) and taking the amount as an indication of the amount of Ag1 and/or Ab2 in the sample. All or part of the antigenic entitie(s) in Ag2 coated on the solid support and/or Ag2 used as the detecting reagent are derived from different sources. In an alternative mode Ag2 and Ab1 in the detecting reagent is equipped with biotin so that the immune complexes formed in steps (b) and (c) can be measured by the use of a biotin binding substance.

IPC 1-7  
**C12Q 1/70**

IPC 8 full level  
**G01N 33/543** (2006.01); **G01N 33/569** (2006.01); **G01N 33/576** (2006.01)

CPC (source: EP)  
**G01N 33/54306** (2013.01); **G01N 33/56988** (2013.01); **G01N 33/5761** (2013.01)

Citation (search report)  
• [Y] EP 0286264 A2 19881012 - ORTHO PHARMA CORP [US]  
• [YD] EP 0313986 A2 19890503 - ABBOTT LAB [US]  
• [Y] EP 0351248 A2 19900117 - IDEXX CORP [US]  
• [A] FR 2277564 A1 19760206 - ABBOTT LAB [US]  
• [AD] EP 0173295 A1 19860305 - NEW YORK BLOOD CENTER INC [US]  
• See references of WO 9110747A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9110747 A1 19910725**; AU 6879291 A 19910805; CA 2073452 A1 19910717; EP 0511216 A1 19921104; EP 0511216 A4 19930505; JP H05504400 A 19930708

DOCDB simple family (application)  
**US 9006675 W 19901031**; AU 6879291 A 19901031; CA 2073452 A 19901031; EP 90917600 A 19901031; JP 50057591 A 19901031