

Title (en)
ANTIGEN-SPECIFIC ONE-STEP ASSAYS

Title (de)
ANTIGENSPEZIFISCHES EINSTUFIGES VERFAHREN

Title (fr)
TITRAGES EN UNE ETAPE SPECIFIQUES D'UN ANTIGENE

Publication
EP 0705426 A4 19980708 (EN)

Application
EP 94920037 A 19940524

Priority
• US 9405870 W 19940524
• US 7508593 A 19930609

Abstract (en)
[origin: WO9429696A1] A method and a device for determining, in a biological fluid sample, levels of antigen-specific immunoglobulins, said device comprising a matrix (1) defining an axial flow path, which matrix (1) has a sample receiving zone (2), a labelling zone (3) comprising a visible label bound to a first immunoglobulin-binding substance, a capture zone (4) comprising an immobilized second immunoglobulin-binding substance, and an absorbent pad (5) located sequentially downstream therein. Application of the sample to the sample receiving zone (2) results in specific binding of immunoglobulin present in the sample to labelling complex and accumulation of any antigen-specific immunoglobulin-labelling complex in the capture zone (4). The device and method are useful in determining allergen-specific IgE or other immunoglobulins specific for pathogens; and, may be used to simultaneously determine a plurality of immunoglobulins specific for different antigens or pathogens.

IPC 1-7
G01N 21/00; **G01N 31/00**; **G01N 33/53**; **G01N 33/537**; **G01N 33/538**; **G01N 33/541**; **G01N 33/543**; **G01N 33/545**; **G01N 33/546**; **G01N 33/553**; **G01N 33/554**

IPC 8 full level
G01N 33/53 (2006.01); **G01N 33/543** (2006.01); **G01N 33/558** (2006.01); **G01N 33/569** (2006.01); **G01N 33/571** (2006.01); **G01N 33/68** (2006.01); **G01N 33/80** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP US)
G01N 33/54388 (2021.08 - US); **G01N 33/54389** (2021.08 - US); **G01N 33/558** (2013.01 - EP); **G01N 33/6854** (2013.01 - EP); **G01N 33/80** (2013.01 - EP)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 9429696A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9429696 A1 19941222; EP 0705426 A1 19960410; EP 0705426 A4 19980708; JP H08511621 A 19961203

DOCDB simple family (application)
US 9405870 W 19940524; EP 94920037 A 19940524; JP 50184794 A 19940524