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(54) **Immunoassay methods, immunoassay apparatuses, and reagents for immunoassays**

(57) Immunoassay methods, apparatuses, and reagents are described, which are capable of measuring without being affected by particles other than a measuring object substance in a specimen, and which do not require a labeled antibody even when such particles are

included in the specimen. In addition, immunoassay methods, apparatuses, and reagents capable of simultaneously measuring multiple parameters from one sample are described.



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EUROPEAN SEARCH REPORT

Application Number
EP 03 01 1084

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 405 784 A (VAN HOEGAERDEN MICHEL) 11 April 1995 (1995-04-11) * abstract * * claims 1-14 * * column 3, line 4 - column 4, line 42 * * example 4 *	1-18	G01N33/53 G01N33/543
X	GB 2 123 146 A (ABBOTT LAB) 25 January 1984 (1984-01-25) * abstract * * claims 1-7 *	1-18	
X	EP 0 174 195 A (WELLCOME FOUND) 12 March 1986 (1986-03-12) * claims 1-8 * * page 4, line 7 - line 14 *	1-18	
D,X	WO 01 96868 A (KONISHI AYA ;SYSMEX CORP (JP); UCHIDA SHINYA (JP); TANAKA KUNIO (JP)) 20 December 2001 (2001-12-20) * abstract * * claims 1-14 *	1,2,4-7, 9-13, 15-18	
A		3,8,14	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
X	EP 0 126 450 A (TRIPATZIS IOANNIS) 28 November 1984 (1984-11-28) * abstract *	12-14	G01N
X	WO 00 49385 A (COULTER INT CORP) 24 August 2000 (2000-08-24) * abstract * * claims 1-29 *	10,11, 17,18	
A		1-9, 12-16	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 November 2003	Examiner Jenkins, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03 B2 (P/AC01)

ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 03 01 1084

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专利名称(译)	免疫测定方法，免疫测定装置和免疫测定试剂		
公开(公告)号	EP1365240A3	公开(公告)日	2004-01-07
申请号	EP2003011084	申请日	2003-05-21
[标]申请(专利权)人(译)	希森美康株式会社		
申请(专利权)人(译)	希森美康公司		
当前申请(专利权)人(译)	希森美康公司		
[标]发明人	KAWATE YASUNORI		
发明人	KAWATE, YASUNORI		
IPC分类号	G01N33/543 G01N33/58 G01N33/53		
CPC分类号	G01N33/54313 G01N33/585		
优先权	2002147085 2002-05-22 JP		
其他公开文献	EP1365240A2 EP1365240B1		
外部链接	Espacenet		

摘要(译)

描述了免疫测定方法，装置和试剂，其能够在不受样品中测量对象物质以外的颗粒影响的情况下进行测量，并且即使样品中包含这样的颗粒也不需要标记抗体。另外，描述了能够同时测量来自一个样品的多个参数的免疫测定方法，装置和试剂。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Art. 87)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	US 5 405 784 A (VAN HOEGAERDEN MICHEL) 11 April 1995 (1995-04-11) * abstract * * Claims 1-14 * * column 3, line 4 - column 4, line 42 * * example 4 *	1-18	G01N33/53 G01N33/543
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X	EP 0 126 450 A (TRIPATZIS IOANNIS) 28 November 1984 (1984-11-28) * abstract *	12-14	
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A		1-9, 12-16	

The present search report has been drawn up for all claims

Filed at: THE HAGUE Date of publication of the abstract: 10 November 2003 Inventor: Jenkins, G

CATEGORY OF CITED DOCUMENTS		Reason for citation	
X	particularly relevant to claims sought	1	theory or principle underlying the invention
Y	particularly relevant if combined with another document of the same category	2	earliest patent document, not published on, or after the filing date
A	non-written disclosures	3	document cited by the applicant
D	intermediate disclosures	4	document cited for other reasons
F	intermediate documents	5	member of the same patent family, corresponding document