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(54) **Control compositions and methods of use for coagulation tests**

(57) Compositions, methods, devices and kits for use in the calibration of coagulation tests. The control compositions comprise particles capable of aggregating in plasma and calcium ions which, when mixed with plasma, simulate the behavior of whole blood in a coagulation test. The methods comprise providing calcium ions and particles capable of aggregating in plasma, combining the particles and calcium ions with plasma to form a control composition, and applying the control composition to a coagulation test. The devices comprise a container having at least two compartments, with one compartment including particles that promote or induce aggregation of a protein or proteins in plasma, and the other compartment includes a solution of calcium ions. The kits comprise a control composition comprising a container of calcium ions, a container of particles capable of inducing aggregation of proteins in plasma, and one or more coagulation test devices.

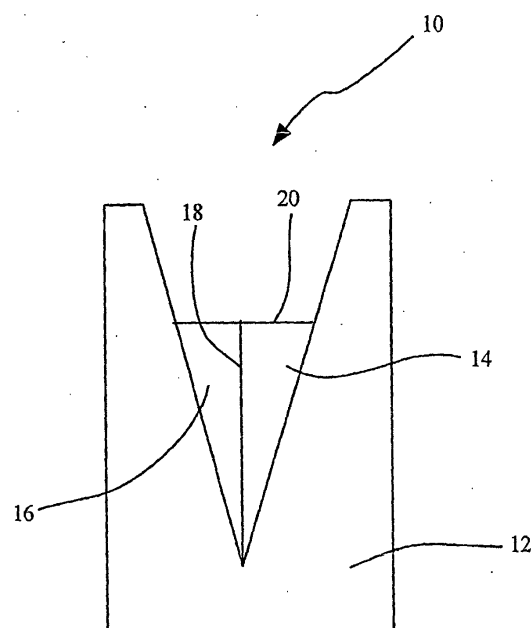


Fig. 1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 03 25 0260

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Y	* claims 1,3 * * page 12, line 5 - line 7 * * page 12, line 11 * * page 12, line 28 * * page 13, line 10 - line 12 * * page 24, line 27 * * page 27, line 12 * ---	8,9	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 October 2003	Examiner Vanhalst, K
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 03/82 (P04C01)

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专利名称(译)	对照组合物和用于凝固试验的方法		
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申请号	EP2003250260	申请日	2003-01-15
[标]申请(专利权)人(译)	生命扫描有限公司		
申请(专利权)人(译)	LIFESCAN INC.		
当前申请(专利权)人(译)	LIFESCAN INC.		
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CPC分类号	A61P7/00 G01N33/86 Y10T436/10 Y10T436/106664		
代理机构(译)	MERCER , CHRISTOPHER PAUL		
优先权	10/055788 2002-01-16 US		
其他公开文献	EP1329723A2		
外部链接	Espacenet		

摘要(译)

用于校准凝血测试的组合物，方法，装置和试剂盒。对照组合物包含能够在血浆和钙离子中聚集的颗粒，当与血浆混合时，在凝固试验中模拟全血的行为。该方法包括提供钙离子和能够在血浆中聚集的颗粒，将颗粒和钙离子与血浆组合以形成对照组合物，并将对照组合物应用于凝固试验。所述装置包括具有至少两个隔室的容器，其中一个隔室包括促进或诱导血浆中蛋白质或蛋白质聚集的颗粒，另一个隔室包括钙离子溶液。所述试剂盒包含对照组合物，所述对照组合物包含钙离子容器，能够诱导血浆中蛋白质聚集的颗粒容器，以及一种或多种凝固测试装置。

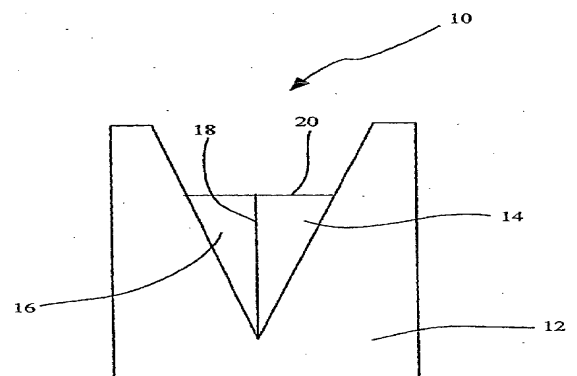


Fig. 1