

Title (en)
METHOD FOR MEASURING COAGULANT FACTOR ACTIVITY IN WHOLE BLOOD

Title (de)
VERFAHREN ZUR BESTIMMUNG DER GERINNUNGSAKTIVITÄT IN GESAMTBLOUT

Title (fr)
PROCEDE DE MESURE DE L'ACTIVITE DU FACTEUR COAGULANT

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EP 1212073 A4 20030903 (EN)

Application
EP 00950617 A 20000724

Priority
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• US 14514099 P 19990723

Abstract (en)
[origin: WO0107070A1] The present invention is directed to methods to rapidly assess the overall coagulant properties of a patient's blood sample by measuring and comparing clotting time with and without an added inhibitor of a procoagulant or an anticoagulant. When the sample is whole blood, the resulting clotting time represents the overall coagulant activity of the plasma and cellular components of the blood, which is indicative of existing or impending pathology arising from abnormal coagulability. The invention also provides a method for measuring the risk of a patient for a thrombotic event by determining functionally current levels of one or more procoagulants or anticoagulants in whole blood. In addition, a method for measuring the effectiveness of anticoagulant therapy is provided. Kits for performing the method of the invention are also provided.

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C12Q 1/56 (2013.01 - EP); **G01N 33/86** (2013.01 - EP KR)

Citation (search report)
• [XDY] US 4814247 A 19890321 - SPILLERT CHARLES R [US], et al
• [PY] WO 9964622 A1 19991216 - UNIV VERMONT [US]
• [XY] OSTERUD B ET AL: "THE PRODUCTION AND AVAILABILITY OF TISSUE THROMBOPLASTIN IN CELLULAR POPULATIONS OF WHOLE BLOOD EXPOSED TO VARIOUS CONCENTRATIONS OF ENDO TOXIN AN ASSAY FOR DETECTION OF ENDO TOXIN", SCANDINAVIAN JOURNAL OF HAEMATOLOGY, vol. 29, no. 2, 1982, pages 175 - 184, XP009010612, ISSN: 0036-553X
• [PX] ERLICH JONATHAN H ET AL: "Measurement of tissue factor activity in whole blood.", BLOOD, vol. 94, no. 10 SUPPL. 1 PART 2, 15 November 1999 (1999-11-15), Forty-first Annual Meeting of the American Society of Hematology;New Orleans, Louisiana, USA; December 3-7, 1999, pages 87b, XP009010631, ISSN: 0006-4971
• [PX] SANTUCCI R A ET AL: "MEASUREMENT OF TISSUE FACTOR ACTIVITY IN WHOLE BLOOD", THROMBOSIS AND HAEMOSTASIS, STUTTGART, DE, vol. 83, no. 3, March 2000 (2000-03-01), pages 445 - 454, XP009010630, ISSN: 0340-6245
• See references of WO 0107070A1

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DOCDB simple family (publication)
WO 0107070 A1 20010201; AU 6369700 A 20010213; CA 2378898 A1 20010201; CN 1368886 A 20020911; EP 1212073 A1 20020612; EP 1212073 A4 20030903; JP 2003505678 A 20030212; KR 20020042622 A 20020605

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