

Title (en)

DIRECT ASSAY OF SKIN CHOLESTEROL IN SKIN SAMPLES REMOVED BY TAPE STRIPPING

Title (de)

DIREKTER TEST VON HAUTCHOLESTERIN IN MIT KLEBESTREIFEN ABGEZOGENEN HAUTPROBEN

Title (fr)

DOSAGE DIRECT DU CHOLESTEROL CUTANE DANS DES ECHANTILLONS DE PEAU PRELEVES PAR DECOLLEMENT DE BANDE

Publication

EP 1745146 A4 20080709 (EN)

Application

EP 05738502 A 20050428

Priority

- CA 2005000642 W 20050428
- CA 2465427 A 20040428

Abstract (en)

[origin: WO2005106018A1] Skin cholesterol is measured by applying an adhesive tape onto a selected area of the skin to adhere the tape to the selected skin area and stripping the tape off the selected skin area to obtain a sample representative of the outer stratum corneum layer of the skin, the sample adhering to the tape so as to have exposed skin constituents. The sample is assayed using a detector reagent that specifically binds to cholesterol and in addition has an indicator component that allows quantitation of the amount of cholesterol present in the exposed skin constituents.

IPC 8 full level

G01N 33/92 (2006.01); **A61B 10/00** (2006.01); **A61B 10/02** (2006.01); **C12Q 1/26** (2006.01); **C12Q 1/60** (2006.01); **A61B 17/32** (2006.01)

CPC (source: EP)

A61B 10/02 (2013.01); **C12Q 1/60** (2013.01); **G01N 33/92** (2013.01); **A61B 10/0064** (2013.01); **A61B 17/32053** (2013.01); **A61B 2010/0006** (2013.01)

Citation (search report)

- [A] WO 9721099 A1 19970612 - ENTREMED INC [US]
- [A] MACLACHLAN J ET AL: "Cholesterol oxidase: sources, physical properties and analytical applications.", THE JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY APR 2000, vol. 72, no. 5, April 2000 (2000-04-01), pages 169 - 195, XP002478703, ISSN: 0960-0760
- [A] PLEWIG ET AL: "Bioengineering of the skin. Ch. 3: Size and shape of corneocytes: variation with anatomic site and age", 1997, CRC PRESS, XP001538323
- See references of WO 2005106018A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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