

Title (en)

TEST STRIP AND METHOD FOR DETERMINING LDL CHOLESTEROL CONCENTRATION FROM WHOLE BLOOD

Title (de)

TESTSTREIFEN UND VERFAHREN ZUR BESTIMMUNG DER LDL-CHOLESTERINKONZENTRATION AUS VOLLBLUT

Title (fr)

BANDE D'ESSAI ET PROCEDE PERMETTANT DE DETERMINER LA CONCENTRATION DU CHOLESTEROL LDL A PARTIR D'UN ECHANTILLON DE SANG TOTAL

Publication

**EP 1540353 A4 20070124 (EN)**

Application

**EP 03754634 A 20030916**

Priority

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- US 41120902 P 20020916

Abstract (en)

[origin: WO2004025265A2] A dry phase test strip (20) and method are provided for determining the concentration of LDL in whole blood or plasma. The inventive test strip (20) includes one stack (92) or panel that measures concentration of total cholesterol and another stack (94) or panel that measures concentration of the sum total of HDL, VLDL and chylomicrons ("non-LDLs"). The difference between the values just noted is equal to the concentration of LDL cholesterol. Dry phase test strips (20) of the present invention function at room temperature and all test results are produced from pseudo-endpoint reflectance measurements such that the test method need not be timed. Also disclosed is the capability for an improved lipid panel that provides concentration in a blood sample of HDL, total cholesterol and LDL cholesterol without relying upon the Friedewald equation.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [Y] US 2002025584 A1 20020228 - WATANABE MOTOKAZU [JP], et al
- [Y] WO 02063296 A1 20020815 - FERNANDEZ DE CASTRO AURORA L [US]
- See references of WO 2004025265A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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