

Title (en)

PHARMACODIAGNOSTIC TEST TARGETING ONCOLOGY AND NEURODEGENERATION

Title (de)

AUF ONKOLOGIE UND NEURODEGENERATION AUSGERICHTETER PHARMAKODIAGNOSTISCHER TEST

Title (fr)

TEST PHARMACO DIAGNOSTIQUE CIBLANT L'ONCOLOGIE

Publication

EP 2066806 A2 20090610 (FR)

Application

EP 07823487 A 20070907

Priority

- FR 2007001449 W 20070907
- FR 0607859 A 20060907

Abstract (en)

[origin: WO2008029031A2] A first objective of the present invention is to demonstrate a method for the detection and prognosis of cancer and of its metastatic potential. Preferably, the cancer is selected from breast cancer, bladder cancer, ovarian cancer, lung cancer, skin cancer, prostate cancer, colon cancer, liver cancer, a sarcoma and a leukaemia, without being limited thereto. One aspect of the present invention consists of the use of the LIV21 complex as a prognostic indicator for cancer and in the therapeutic monitoring thereof. The LIV21 complex is defined in terms of the extract of proteins and peptides studied by Maldi and ESI MS/MS or Maldi ToF/ToF mass spectrometry. Said extract was obtained by attachment of the LIV21 complex to one of these LIV21 polyclonal antibodies. The LIV21 complex is also defined in terms of its overall mass spectrometry profile (Figure 5) and the number and the molecular weight of the bands of protein extracts obtained as a function of the temperature to which the sample is subjected and the migration conditions described. Another aspect is the use of biochips for the pharmacodiagnosis of oncological pathologies and of neurodegeneration.

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: EP US)

C07K 14/4702 (2013.01 - EP US); **G01N 33/57496** (2013.01 - EP US); **G01N 33/6842** (2013.01 - EP US); **G01N 33/6851** (2013.01 - EP US)

Cited by

US10718029B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008029031 A2 20080313; WO 2008029031 A3 20081113; WO 2008029031 A8 20090716; WO 2008029031 A9 20080925; WO 2008029031 A9 20090108; EP 2066806 A2 20090610; US 2009311681 A1 20091217; US 8314221 B2 20121120

DOCDB simple family (application)

FR 2007001449 W 20070907; EP 07823487 A 20070907; US 28211707 A 20070907