

Title (en)

HEPATITIS C ASSAY UTILIZING RECOMBINANT ANTIGENS TO NS1.

Title (de)

HEPATITIS C-NACHWEISTEST UNTER BENUTZUNG REKOMBINANTER ANTIGENE DER NS1-REGION.

Title (fr)

DEPISTAGE DE L'HEPATITE C A L'AIDE D'ANTIGENES RECOMBINES DIRIGES CONTRE LA REGION NS1.

Publication

EP 0600009 A4 19950301 (EN)

Application

EP 92918853 A 19920821

Priority

- US 9207188 W 19920821
- US 74856191 A 19910821

Abstract (en)

[origin: WO9304088A1] The present invention provides unique recombinant antigens representing distinct antigenic regions of the NS1 region of the HCV genome which can be used as reagents for the detection of antibodies and antigen in body fluids from individuals exposed to hepatitis C virus (HCV). The present invention also provides an assay for detecting the presence of an antibody to an HCV antigen in a sample by contacting the sample with the recombinant antigens. Preferred assay formats include a screening assay, a confirmatory assay, a competition or neutralization assay and an immunodot assay.

IPC 1-7

C07K 15/00; **C12Q 1/70**

IPC 8 full level

C07K 14/00 (2006.01); **C07K 14/02** (2006.01); **C07K 14/10** (2006.01); **C07K 14/18** (2006.01); **C07K 19/00** (2006.01); **C12N 9/12** (2006.01); **C12N 15/09** (2006.01); **G01N 33/53** (2006.01); **G01N 33/576** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP)

C07K 14/005 (2013.01); **C12N 9/1241** (2013.01); **C07K 2319/40** (2013.01); **C12N 2770/24222** (2013.01)

Citation (search report)

- [A] WO 9011089 A1 19901004 - CHIRON CORP [US]
- See references of WO 9304088A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

WO 9304088 A1 19930304; AU 2513592 A 19930316; CA 2115926 A1 19930304; EP 0600009 A1 19940608; EP 0600009 A4 19950301; JP H06510191 A 19941117; TW 213924 B 19931001

DOCDB simple family (application)

US 9207188 W 19920821; AU 2513592 A 19920821; CA 2115926 A 19920821; EP 92918853 A 19920821; JP 50465892 A 19920821; TW 81106995 A 19920903