

Title (en)
SPECIFIC DETECTION OF ANTIBODIES TO HUMAN T-CELL LEUKEMIA VIRUSES

Publication
EP 0555405 A4 19930825 (EN)

Application
EP 92902047 A 19911022

Priority
US 60284690 A 19901026

Abstract (en)
[origin: WO9207961A1] Disclosed is a method and test kit for detecting in a biological sample an antibody to a virion of a human T-cell leukemia virus (HTLV) or to a cell infected with such a virion generally involving contacting the biological sample with an HTLV-II-encoded antigen and detecting formation of the antigen-antibody complex by an immunoassay. Also disclosed is a related method and test kit for detecting an HTLV-I virion or an HTLV-I-infected cell generally involving contacting the biological sample with the HTLV-I specific antigen, RP-B1, and detecting formation of the antigen-antibody complex by an immunoassay. The HTLV-II-encoded RP-IIB and RP-B2 peptides and purified nucleic acid encoding these peptides are also disclosed.

IPC 1-7
C12Q 1/70; **C07K 7/00**; **C12N 15/48**; **G01N 33/569**

IPC 8 full level
C07K 14/00 (2006.01); **C07K 14/15** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **G01N 33/53** (2006.01); **G01N 33/569** (2006.01); **G01N 33/574** (2006.01)

CPC (source: EP)
C07K 14/005 (2013.01); **G01N 33/56988** (2013.01); **C12N 2740/14022** (2013.01)

Citation (search report)
• [X] WO 8601834 A1 19860327 - UNIV CALIFORNIA [US]
• [X] WO 8906543 A1 19890727 - GENELABS INC [US]
• [XP] EP 0439077 A2 19910731 - UNITED BIOMEDICAL INC [US]
• [E] EP 0482605 A2 19920429 - KURARAY CO [JP]
• [X] JOURNAL OF VIROLOGY vol. 63, no. 11, November 1989, BALTIMORE,USA pages 4952 - 4957 Y.-M. A. CHEN ET AL.
• [AD] SCIENCE vol. 226, 30 November 1984, LANCASTER, PA US pages 1094 - 1097 K.P. SAMUEL ET AL.
• See references of WO 9207961A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9207961 A1 19920514; AU 8944691 A 19920526; CA 2094832 A1 19920427; EP 0555405 A1 19930818; EP 0555405 A4 19930825; JP H06503170 A 19940407

DOCDB simple family (application)
US 9107802 W 19911022; AU 8944691 A 19911022; CA 2094832 A 19911022; EP 92902047 A 19911022; JP 50077991 A 19911022