

Title (en)
T-LYMPHOTROPIC RETROVIRUS MONOCLONAL ANTIBODIES.

Title (de)
MONOKLONALE ANTIKÖRPER VON T-LYMPHOTROPEN RETROVIREN.

Title (fr)
ANTICORPS MONOCLONAUX DE RETROVIRUS LYMPHOTROPES T.

Publication
EP 0472659 A1 19920304 (EN)

Application
EP 90909217 A 19900514

Priority
US 35188289 A 19890515

Abstract (en)
[origin: WO9014358A1] The instant invention relates to monoclonal antibodies, the cell lines producing those antibodies, the peptides that comprise the epitopes of those antibodies and assays using those antibodies and peptides for the detection of HIV-1 and HIV-2 gene products. In particular, the antibodies react with the p24/p26 capsid protein, the nonapeptide that comprises an HIV-1/HIV-2 conserved epitope is disclosed and a capture ELISA using a combination of three monoclonal antibodies that can detect simultaneously HIV-1 and HIV-2 is disclosed.

Abstract (fr)
L'invention concerne des anticorps monoclonaux, les lignées cellulaires produisant ces anticorps, le peptide comprenant les épitopes de ces anticorps, ainsi que des analyses utilisant lesdits anticorps et lesdits peptides pour la détection de produits de gènes du VIH-1 et du VIH-2. Lesdits anticorps réagissent notamment avec la protéine capsid p24/p26. L'invention concerne également le nonapeptide comprenant un épitope conservé de VIH-1/VIH-2, ainsi qu'un ELISA de capture utilisant une combinaison de trois anticorps monoclonaux pouvant détecter simultanément le VIH-1 et le VIH-2.

IPC 1-7
C07K 7/06; C07K 7/08; C07K 15/28; G01N 33/543; G01N 33/569; G01N 33/571; G01N 33/577

IPC 8 full level
C07K 7/06 (2006.01); **C07K 7/08** (2006.01); **C07K 14/155** (2006.01); **C07K 14/16** (2006.01); **C07K 16/00** (2006.01); **C07K 16/10** (2006.01); **C12N 5/10** (2006.01); **C12N 15/02** (2006.01); **C12P 21/08** (2006.01); **G01N 33/53** (2006.01); **G01N 33/569** (2006.01); **G01N 33/577** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
C07K 14/005 (2013.01); **C07K 16/1054** (2013.01); **C07K 2317/34** (2013.01); **C12N 2740/16222** (2013.01)

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

DOCDB simple family (publication)
WO 9014358 A1 19901129; AU 5835590 A 19901218; AU 642886 B2 19931104; CA 2032509 A1 19901116; EP 0472659 A1 19920304; EP 0472659 A4 19920408; FI 915333 A0 19911112; JP H04505621 A 19921001; KR 0168447 B1 19990115; KR 920701243 A 19920811; ZA 903492 B 19910227

DOCDB simple family (application)
US 9002874 W 19900514; AU 5835590 A 19900514; CA 2032509 A 19900514; EP 90909217 A 19900514; FI 915333 A 19911112; JP 50898690 A 19900514; KR 910700048 A 19910114; ZA 903492 A 19900508