

Title (en)  
IN VITRO METHOD FOR DETECTING AND QUANTIFYING HIV-2 DNA

Title (de)  
IN VITRO VERFAHREN ZUR DETEKTION UND QUANTIFIZIERUNG VON HIV-2 DNA

Title (fr)  
PROCEDE IN VITRO DE DETECTION ET DE QUANTIFICATION DE L'ADN DU VIH-2

Publication  
**EP 3619327 A1 20200311 (FR)**

Application  
**EP 18726743 A 20180504**

Priority  
• FR 1753969 A 20170505  
• EP 2018061624 W 20180504

Abstract (en)  
[origin: WO2018202904A1] The present invention relates to a method for detecting or quantifying human immunodeficiency virus 2 (HIV-2) deoxyribonucleic acid (DNA) in a sample containing DNA, which comprises: a) performing a real-time polymerase chain reaction (PCR) on the sample, or a fraction of same comprising the DNA, with at least two primer and probe assemblies each comprising two primers and one marked probe, respectively, intended for detecting or quantifying HIV-2 DNA, in which at least one of the assemblies is chosen from the group made up of: an assembly comprising a primer comprising or consisting of a sequence of SEQ ID NO.: 1 or a sequence that is at least 90% identical with SEQ ID NO.: 1, a primer comprising or consisting of a sequence of SEQ ID NO.: 2 or a sequence that is 90% identical with SEQ ID NO.: 2 or the complements of these sequences, and a marked probe comprising or consisting of a sequence of SEQ ID NO.: 3, or a sequence that is at least 90% identical with SEQ ID NO.: 3 or the complement of these sequences, and an assembly comprising a primer comprising or consisting of a sequence of SEQ ID NO.: 4 or a sequence that is at least 90% identical with SEQ ID NO.: 4, a primer comprising or consisting of a sequence of SEQ ID NO.: 5 or a sequence that is at least 90% identical with SEQ ID NO.: 5 or the complements of these sequences, and a marked probe comprising or consisting of a sequence of SEQ ID NO.: 6, or a sequence that is at least 90% identical with SEQ ID NO.: 6 or the complement of these sequences; and b) determining from same the presence or absence and/or the amount of HIV-2 DNA in the biological sample.

IPC 8 full level  
**C12Q 1/70** (2006.01)

CPC (source: EP US)  
**C12Q 1/703** (2013.01 - EP US); **C12Q 2600/16** (2013.01 - EP US)

Citation (search report)  
See references of WO 2018202904A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018202904 A1 20181108**; EP 3619327 A1 20200311; FR 3065967 A1 20181109; FR 3065967 B1 20220603; US 11459623 B2 20221004; US 2020080160 A1 20200312

DOCDB simple family (application)  
**EP 2018061624 W 20180504**; EP 18726743 A 20180504; FR 1753969 A 20170505; US 201816611000 A 20180504