

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

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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)
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