Title (en)

QUANTITATIVE VIRAL ASSAY.

Title (de)

Quantitative virale Prüfung.

Title (fr)

DETERMINATION QUANTITATIVE D'UN VIRUS.

Publication

EP 0635066 A1 19950125 (EN)

Application

EP 93908012 A 19930408

Priority

- GB 9300745 W 19930408
- GB 9208000 A 19920410

Abstract (en)

[origin: WO9321339A1] A quantitative viral assay comprises capturing virus particles, releasing viral RNA or DNA and, where necessary, reverse transcribing viral RNA to complementary DNA (cDNA), amplifying the viral DNA or cDNA by a nested multi-stage PCR reaction, capturing the PCR product using an immobilised binding partner specific to a binding agent introduced in the PCR product and quantifying the captured PCR product. The assay is particularly useful in the determination of viral load and in the determination of the relative proportions of different viral forms, for example as produced by a point mutation. The assay may be used to follow the development of drug resistance.

IPC 1-7

C12Q 1/68; C12Q 1/70

IPC 8 full level

C12N 15/09 (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6804** (2018.01); **C12Q 1/70** (2006.01)

CPC (source: EP)

C12Q 1/6804 (2013.01); **C12Q 1/703** (2013.01)

C-Set (source: EP)

C12Q 1/6804 + **C12Q 2565/537** + **C12Q 2549/119**

Citation (search report)

See references of WO 9321339A1

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DOCDB simple family (publication)

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GB 9300745 W 19930408; AU 3900893 A 19930408; EP 93908012 A 19930408; GB 9208000 A 19920410; JP 51810193 A 19930408