

Title (en)

AUTOMATABLE QUICK TEST FOR DIRECT DETECTION OF APC RESISTANCE MUTATION WITH SPECIFIC PRIMERS AND ASSAY

Title (de)

EIN AUTOMATISIERBARER SCHNELLTEST ZUM DIREKTEN NACHWEIS DER APC RESISTENZ MUTATION MIT SPEZIFISCHEN PRIMERN UND OLIGONUKLEOTIDEN ZUR DETEKTION

Title (fr)

TEST RAPIDE POUVANT ETRE AUTOMATISE POUR LA DETECTION DIRECTE DE LA MUTATION ASSOCIEE A LA RESISTANCE INDUITE PAR LA PROTEINE C ACTIVEE (APC) AU MOYEN D'AMORCES ET DE SONDAS SPECIFIQUES

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Application

EP 99950696 A 19991011

Priority

- DE 19848665 A 19981022
- EP 9907609 W 19991011

Abstract (en)

[origin: DE19848665A1] Primers (I) derived from the factor V gene are new. (I) have formulae (1), specific for the G to A mutation at position 1691 in exon 10; (2), specific for the wild-type sequence and (3), a reverse primer for use with both (1) and (2): (1) ACA4TACCTGTATTCCAT; (2) ACA4TACCTGTATTCCGC; (3) TCATGAAATAACTTTGCAAATGA . Independent claims are also included for the following: (1) oligonucleotide probes (II) of formulae (4)-(7): (a) TACTTATAAGTGGAACATCTTAGAGTTTGATGAACC; (b) TGCCCAGTGCTTAACAAGACCATACTACAGTGACGT ; (c) UACUUUAUAAGUGGAACAUCUUAGAGUUUGAUGAACC; (d) UACUUUAUAAGUGGAACAUCUUAGAGUUUGA; (2) sets of primers comprising (3) plus (1) or (2); (3) a method for detecting factor V gene sequences by amplifying sample DNA with both primer sets of (b) and evaluating amplification; and (4) a test kit for detecting APC (activated protein C)-resistance mutations comprising one or more (I) and optionally one or more (II).

IPC 1-7

C12Q 1/68

IPC 8 full level

C12Q 1/68 (2006.01); **C12Q 1/6883** (2018.01)

CPC (source: EP)

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