

Title (en)

REACTION MIXTURE, METHOD AND KIT FOR PERFORMING A QUANTITATIVE REAL-TIME PCR

Title (de)

REAKTIONSGEMISCH, VERFAHREN UND KIT ZUR DURCHFÜHRUNG EINER QUANTITATIVEN ECHTZEIT-PCR

Title (fr)

MÉLANGE RÉACTIONNEL, PROCÉDÉ ET KIT POUR RÉALISER UNE PCR QUANTITATIVE EN TEMPS RÉEL

Publication

EP 3830294 A1 20210609 (DE)

Application

EP 19734358 A 20190626

Priority

- DE 102018213027 A 20180803
- EP 2019066957 W 20190626

Abstract (en)

[origin: WO2020025222A1] A reaction mixture for providing a reaction batch for performing a quantitative real-time PCR contains at least one target DNA (11), which at least in parts corresponds to the DNA section being quantified, at least one reference DNA (12) of defined sequence and in a defined amount, at least two different fluorescent probes of different sequence which generate a signal at different wavelengths, primers, deoxynucleotides and a DNA polymerase. The target DNA (11) and the reference DNA (12) have the same primer binding sites (13, 14) and different probe binding sites (17, 18). At least one of the fluorescent probes is intended for binding to a section of the target DNA (11) outside the primer binding sites (13, 14) in the amplicon, and at least one of the fluorescent probes is intended for binding to a section of the reference DNA (12) outside the primer binding sites (13, 14) in the amplicon.

IPC 8 full level

C12Q 1/686 (2018.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2020025222A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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