Title (en)
A SPECIFIC AND SENSITIVE NULCEIC ACID DETECTION METHOD

Title (de)
SPEZIFISCHES UND EMPFINDLICHES NUKLEINSÄURENACHWEISVERFAHREN

Title (fr)
PROCEDE SPECIFIQUE ET SENSIBLE POUR LA DETECTION D'ACIDES NUCLEIQUES

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Abstract (en)
[origin: WO9923250A2] The invention relates to a method for detecting a nucleic acid, comprising the following steps: the production of a number of enhancers of a fragment of said nucleic acid with a length of less than 100 nucleotides using two primers, one of said primers being able to bind to a first binding sequence (A) of a strand of the nucleic acid and the other primer being able to bind to a second binding sequence (C') which is essentially complementary to a sequence (C), said sequence (C) not overlapping with (A) and being positioned in the direction 3' from A, in the presence of a probe with a binding sequence (D) which is able to bind to the third sequence (B) positioned between the sequences (A) and (C) or the complement (B') thereof, said probe containing a reporter group and a quencher group, using a polymerase with 5' nuclease activity; and detection of the nucleic acid through the measurement of a signal which is determined by the release of the reporter group.

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