Title (en)

METHOD AND KIT FOR DIAGNOSING AND/OR QUANTIFYING BY SANDWICH HYBRIDISATION OF NUCLEIC ACID SEQUENCES ON SOLID SUPPORT

Title (de)

VERFAHREN UND REAGENTIENSATZ ZUR ERKENNUNG UND/ODER QUANTIFIZIERUNG VON NUKLEINSÄUREN DURCH SANDWICH-HYBRIDISIERUNG AN DER FESTPHASE

Title (fr)

PROCEDE ET TROUSSE DE DIAGNOSTIC ET/OU DE QUANTIFICATION PAR HYBRIDATION DE TYPE SANDWICH DE SEQUENCES D'ACIDES NUCLEIQUES SUR SUPPORT SOLIDE

Publication

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Application

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Abstract (en)

[origin: WO9811253A2] The invention concerns a method for detecting and/or quantifying a target nucleotide sequence (2) present in a biological sample characterised in that it comprises a "sandwich" type contacting of the target nucleotide sequence (2) with a trapper single strand nucleotide sequence (5) fixed on an insoluble solid support (3) and complementary of part (7) of said target nucleotide sequence (2) and with one or several nucleotide sequences (6, 11) of which at least one is marked (6), the said nucleotide sequence(s) (6, 11) being complementary of another part (8) of the target nucleotide sequence (2); in that the trapper nucleotide sequence (5) is fixed covalently by one of its ends on the solid support (3), and has a length between 50 and 500 bases; and in that the part (10) of the trapper nucleotide sequence (5) which is not hybridised with the part (7) of the target nucleotide sequence (2) has less than 60 bases. The invention also concerns the kit for detecting and/or quantifying for implementing this method and the use of one standard quantifying nucleotide sequence.

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