

Title (en)
METHOD FOR THE DETECTION OF NUCLEIC ACID SEQUENCES BY MEANS OF CRACKABLE PROBE MOLECULES

Title (de)
VERFAHREN ZUM NACHWEIS VON NUKLEINSÄURESEQUENZEN MITTELS SPALTBARER SONDENMOLEKÜLE

Title (fr)
PROCEDE DE DETECTION DE SEQUENCES D'ACIDES NUCLEIQUES AU MOYEN DE MOLECULES SONDE COMPORTANT UNE LIAISON CASSABLE

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Abstract (en)
[origin: WO2004022779A2] The invention relates to a method for detecting nucleic acid sequences, which is characterized by the fact that the following steps are carried out: a) at least one nucleic acid is bound onto a solid phase; b) probe molecules which are provided with a crackable bond and a probe molecule-specific mass marker are hybridized in a sequence-specific manner to the nucleic acid; c) the probe molecules that are not hybridized are removed; d) the hybridized probe molecules are brought into contact with a matrix which cracks said crackable bonds and is used as a matrix in a MALDI mass spectrometer; e) the mass markers are detected in the positions in which the nucleic acid is bound.

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