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(54) **Title:** NUCLEIC ACID TARGET DETECTION USING A DETECTOR, A PROBE AND AN INHIBITOR

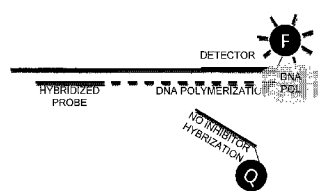


FIG. 1A - MATCHED PROBE

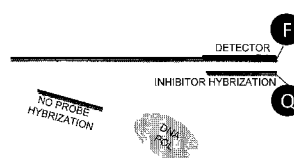


FIG. 1B - MISMATCHED PROBE

(57) **Abstract:** The present invention generally pertains to methods for detecting the presence or absence of a particular nucleic acid sequence. The present invention generally relates to incorporating a detector into a target nucleic acid, adding an oligonucleotide probe, polymerase enzyme and an inhibitor to the reaction, and detecting interference of the oligonucleotide probe with the inhibitor as an indication of the presence of a particular target nucleic acid sequence as well as kits encompassing the same.