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(54) Title: COMPOSITIONS AND METHODS FOR NUCLEIC ACID QUALITY DETERMINATION

1. HYBRID OLIGO WITH 3' END COMPLEMENTARY TO LINE ELEMENT WITH 3' END TM⁵⁰; 5' END NOT COMPLEMENTARY TO HUMAN DNA, TM⁷²
2. 3 - 5 CYCLES ELONGATION AT 50 FOR 2 MIN WITH HYBRID PRIMERS AND 5' END PRIMERS (ONLY HYBRID PRIMERS WILL EXTEND THOUGH INITIAL FEW CYCLES BECAUSE NO SUBSTRATE FOR 5' END PRIMERS)
3. 10 - 20 CYCLES ELONGATION AT 72 FOR 1 MIN (ONLY 5' END PRIMERS WILL EXTEND)
4. SIZE ON TAPE STATION, LOOK AT LENGTH RATIOS

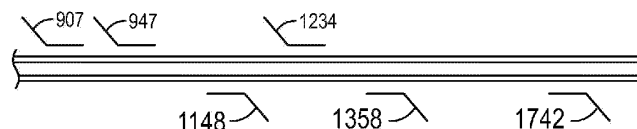


FIGURE 1

(57) Abstract: Provided herein are compositions and methods for determining the quality of nucleic acids in a sample that includes a first set of primers and a second set of primers. Additionally, provided herein are compositions and methods for determining nucleic acid quality in a sample including sets of primers for amplification of repetitive nucleic acid sequences.



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