

METHOD FOR DETECTING COPY NUMBER OF SPECIFIC NUCLEIC ACID PER SINGLE CELL

ABSTRACT

5 The present invention detects the copy number of a specific nucleic acid per single
cell in a cell population. This method comprises, in a reaction compartment containing a
DNA sample, which is derived from nucleic acids in a single cell, and a PCR system,
amplifying a target contained in the DNA sample by PCR. Then, PCR amplicons for each
reaction compartment are quantified during the exponential amplification phase.

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[FIG. 1]