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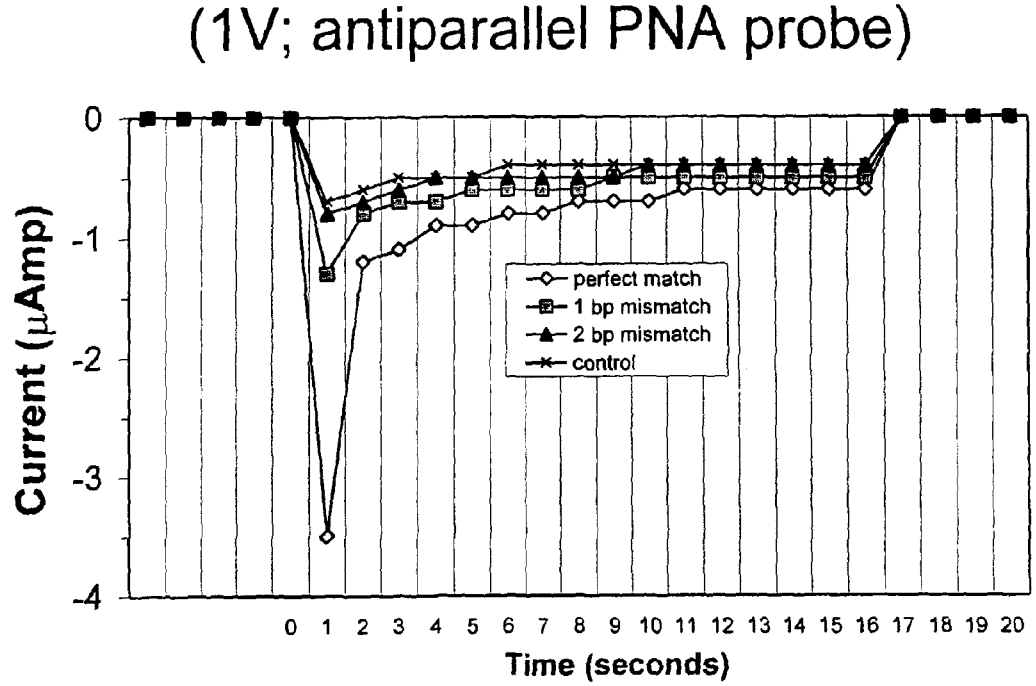
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(54) Title: HOMOGENEOUS ASSAY OF BIOPOLYMER BINDING BY MEANS OF MULTIPLE MEASUREMENTS UNDER VARIED CONDITIONS



(57) Abstract: A method for homogeneously assaying biopolymer bonding includes obtaining signals from a test sample before, during and/or after the application of stimulus to the test sample and correlating the signals. The signals, whose magnitude correlate with binding affinity, can be, for example, electrical conductance and/or fluorescent intensity. The stimulus can be, for example, electric voltage and/or laser radiation. Preferably, different types of signals are measured and compared so as to enhance the reliability of the assay.

WO 03/010506 A2

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