



[54] METHODS FOR SUPPRESSING THE BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN HYBRIDIZATION ASSAYS

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[57] ABSTRACT

This invention relates to methods, kits and compositions suitable for the improved detection, analysis and quantitation of nucleic acid target sequences using probe based hybridization assays. The invention is more specifically directed to methods, kits and compositions suitable for suppressing the binding of detectable nucleic acid probes or detectable PNA probes to non-target nucleic acid sequences in an assay for a target nucleic acid sequence to thereby improve the reliability, sensitivity and specificity of the assay. The methods, kits and compositions of this invention are particularly well suited to the detection and analysis of nucleic acid point mutations.

41 Claims, 19 Drawing Sheets

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