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(54) Title: HIGHLY-SENSITIVE GENOMIC ASSAYS EMPLOYING CHIMERIC BACTERIOPHAGE STANDARDS

(57) Abstract: Methods are provided for sensitively quantitating at least one pre-selected DNA sequence in a biological sample utilizing hybridization methodology, the method employing as an internal standard an infectious bacteriophage particle comprising a detectable target DNA sequence other than that present in the pre-selected DNA sequence or in DNA quantitated from the biological sample, and as an external standard, an infectious bacteriophage particle comprising at least the pre-selected DNA sequence.