

Title (en)

USE OF SPERMIDINE TO RELIEVE INHIBITION OF LIGASE CHAIN REACTION IN A CLINICAL TEST SAMPLE

Title (de)

VERWENDUNG VON SPERMIDIN ZUR ENTLASTUNG VON HEMMUNG IN EINER KLINISCHEN PROBE IN EINER LIGASEKETTENREAKTION

Title (fr)

EMPLOI DE SPERMIDINE POUR ATTENUER LES EFFETS INHIBITEURS DE REACTIONS EN CHAINE DE LIGASE DANS UN ECHANTILLON D'ESSAI CLINIQUE

Publication

EP 0791075 A2 19970827 (EN)

Application

EP 95938175 A 19951018

Priority

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Abstract (en)

[origin: WO9612824A2] An improved method of amplifying target nucleic acids and particularly, to a method of alleviating the inhibitory effect of certain samples on ligase chain reaction amplifications. The relief of inhibition is accomplished by adding to the amplification mixture a polyamine reagent such as spermidine, in effective amounts, typically 1 to 4 nM. In other embodiments, the presence of spermidine allows for amplification to proceed in the presence of reduced concentrations of MgCl₂ and ligase.

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