

Title (en)

DETECTION OF NUCLEIC ACIDS IN CELLS BY THERMOPHILIC STRAND DISPLACEMENT AMPLIFICATION

Title (de)

NACHWEIS VON NUKLEINSÄURE IN ZELLE UNTER VERWENDUNG VON THERMOPHILEN STRANGVERDRÄNGUNGSMPLIFIKATION

Title (fr)

DETECTION D'ACIDES NUCLEIQUES DANS DES CELLULES PAR AMPLIFICATION PAR DEPLACEMENT DE BRINS THERMOPHILES

Publication

EP 0796347 A2 19970924 (EN)

Application

EP 96931542 A 19960912

Priority

- US 9614648 W 19960912
- US 53174795 A 19950921
- US 53174995 A 19950921

Abstract (en)

[origin: WO9711196A2] Thermophilic Strand Displacement Amplification (tSDA) for amplification of nucleic acid target sequences in situ in cells in suspension, on slides or in tissues is described. Excellent specimen morphology is preserved, and either DNA targets, RNA targets, or both may be selectively amplified. In situ amplification by tSDA is compatible with immunochemical techniques, so that both amplification of target sequences and immunological staining can be performed on the same specimen.

IPC 1-7

C12Q 1/68; **C12Q 1/70**

IPC 8 full level

C12N 15/09 (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/70** (2006.01)

CPC (source: EP)

C12Q 1/6841 (2013.01); **C12Q 1/703** (2013.01)

Citation (search report)

See references of WO 9711196A2

Designated contracting state (EPC)

AT BE CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9711196 A2 19970327; **WO 9711196 A3 19970509**; AU 7019296 A 19970409; AU 702896 B2 19990311; BR 9606653 A 19971104; CA 2204641 A1 19970327; EP 0796347 A2 19970924; JP 2000300281 A 20001031; JP 3092163 B2 20000925; JP H10500313 A 19980113; MX 9703730 A 19970930

DOCDB simple family (application)

US 9614648 W 19960912; AU 7019296 A 19960912; BR 9606653 A 19960912; CA 2204641 A 19960912; EP 96931542 A 19960912; JP 2000101133 A 20000403; JP 51278197 A 19960912; MX 9703730 A 19960912