

Title (en)

LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) ANALYSIS FOR PATHOGENIC TARGETS

Title (de)

LOOP-VERMITTELTE ISOTHERMALE AMPLIFIKATION (LAMP)-ANALYSE FÜR KRANKHEITSERREGENDE TARGETS

Title (fr)

ANALYSE D'AMPLIFICATION ISOTHERME INDUITE PAR BOUCLE (LAMP) POUR CIBLES PATHOGÈNES

Publication

EP 4277997 A1 20231122 (EN)

Application

EP 22703179 A 20220115

Priority

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- US 2022012636 W 20220115

Abstract (en)

[origin: WO2022155547A1] The present disclosure is drawn to compositions and methods for loop-mediated isothermal amplification (LAMP) analysis utilizing a pH-dependent output signal. The composition can comprise a pH sensitive dye, and a plurality of non-interfering LAMP reagents. The method can comprise providing an assembly of a solid phase medium and a composition, depositing a biological sample onto the solid phase medium, and heating the assembly to an isothermal temperature sufficient to facilitate a LAMP reaction.

IPC 8 full level

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CPC (source: EP KR)

C12Q 1/6806 (2013.01 - EP KR); **C12Q 1/6848** (2013.01 - EP KR); **C12Q 2521/101** (2013.01 - KR); **C12Q 2521/107** (2013.01 - KR); **C12Q 2525/301** (2013.01 - KR)

C-Set (source: EP)

1. **C12Q 1/6806** + **C12Q 2527/119** + **C12Q 2527/153** + **C12Q 2531/119**
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Designated contracting state (EPC)

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DOCDB simple family (publication)

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