

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 4278001 A1 20231122 (EN)

Application
EP 22703178 A 20220115

Priority
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Abstract (en)
[origin: WO2022155546A1] The present disclosure is drawn to compositions, methods, and systems for loop-mediated isothermal amplification (LAMP) analysis on a solid phase medium. The composition can comprise one or more target primers, a DNA polymerase, and a re-solubilization agent. The composition can be substantially free of non-pH sensitive agents capable of discoloring the solid phase medium. The method can comprise providing an assembly of a solid phase medium, depositing a biological sample onto the solid phase medium, and heating the assembly to an isothermal temperature sufficient to facilitate a LAMP reaction. The system can comprise a composition and a solid phase medium on to which the composition is deposited.

IPC 8 full level
C12Q 1/6806 (2018.01)

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