

Title (en)

RAPID LAMP ASSAY FOR DETECTION OF CORYNEBACTERIUM DIPHTHERIAE

Title (de)

SCHNELLES TESTVERFAHREN UNTER VERWENDUNG EINER LAMPE ZUM NACHWEIS VON CORYNEBACTERIUM DIPHTHERIAE

Title (fr)

TEST LAMP RAPIDE POUR LA DÉTECTION DE CORYNEBACTERIUM DIPHTERIAE

Publication

EP 4320272 A1 20240214 (EN)

Application

EP 22779318 A 20220322

Priority

- IN 202111015391 A 20210331
- IN 2022050276 W 20220322

Abstract (en)

[origin: WO2022208531A1] The present invention relates to a novel primers and rapid loop mediated isothermal amplification method for detection of *Corynebacterium diphtheriae*. Further, the present invention also provides an assay for differentiating between toxigenic and non-toxigenic strains of *C. diphtheriae*.

IPC 8 full level

C12Q 1/6844 (2018.01); **C12Q 1/6876** (2018.01); **C12R 1/16** (2006.01)

CPC (source: EP)

C12Q 1/6844 (2013.01); **C12Q 1/689** (2013.01); **C12R 2001/16** (2021.05)

C-Set (source: EP)

C12Q 1/6844 + **C12Q 2527/101**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022208531 A1 20221006; EP 4320272 A1 20240214

DOCDB simple family (application)

IN 2022050276 W 20220322; EP 22779318 A 20220322