

Title (en)

A STRIP FOR RAPID TESTING HAVING A VARIABLE CONTROL LINE AND A DIAGNOSIS KIT USING THE SAME

Title (de)

STREIFEN FÜR SCHNELLE TESTS MIT EINER VARIABLEN STEUERLEITUNG UND DIAGNOSEKIT DAMIT

Title (fr)

BANDELETTE DE TEST RAPIDE MUNIE D'UNE LIGNE DE CONTRÔLE VARIABLE ET KIT DE DIAGNOSTIC UTILISANT CELLE-CI

Publication

EP 3004879 A4 20170111 (EN)

Application

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Priority

- KR 20130064207 A 20130604
- KR 2014004961 W 20140603

Abstract (en)

[origin: WO2014196803A1] The present invention relates to a strip for rapid testing having a variable control line, a diagnostic kit including the strip for rapid testing, and a method for qualitative or quantitative analysis of an analyte in a sample by using the same. Since the strip for rapid testing of the present invention has a variable control line, it is possible to overcome a difficulty in quantitative analysis of the analyte due to hook effect and also to conduct highly reliable quantitative analysis as well as qualitative analysis with the naked eye in a simple, rapid manner. Furthermore, there is an effect that the dynamic range of the analyte can be improved by complementary effects of the test line and the variable control line.

IPC 8 full level

G01N 33/558 (2006.01)

CPC (source: EP US)

G01N 33/54388 (2021.08 - EP US)

Citation (search report)

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- [A] MARTINA BLAZKOVÁ ET AL: "Strip-based immunoassay for rapid detection of thiabendazole", BIOSENSORS AND BIOELECTRONICS, vol. 25, no. 9, 24 February 2010 (2010-02-24), NL, pages 2122 - 2128, XP055324328, ISSN: 0956-5663, DOI: 10.1016/j.bios.2010.02.011
- See also references of WO 2014196803A1

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CN105891485A

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DOCDB simple family (application)

KR 2014004961 W 20140603; CN 201480020367 A 20140603; EP 14806987 A 20140603; JP 2016515284 A 20140603; KR 20140068572 A 20140605