

Title (en)

DETECTION OF PROTEASES SECRETED FROM PATHOGENIC MICROORGANISMS

Title (de)

NACHWEIS VON VON KRANKHEITSERREGENDEN MIKROORGANISMEN SEZERNIERTEN PROTEASEN

Title (fr)

DETECTION DE PROTEASES SECRETEES A PARTIR DE MICRO-ORGANISMES PATHOGENES

Publication

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Application

EP 06789202 A 20060801

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- US 36481006 A 20060228

Abstract (en)

[origin: WO2007027353A2] A diagnostic test kit for detecting the presence or absence of a protease (e.g., aminopeptidase) within a test sample is provided. The test kit comprises a substrate that is capable of being cleaved in the presence of the protease to release a compound. The kit also comprises a lateral flow device that comprises a chromatographic medium. The chromatographic medium defines a detection zone within which is contained a first reagent (e.g., diazonium ion) that is capable of reacting with the compound to form a second reagent (e.g., aromatic azo compound). The second reagent exhibits a color that is different than the color of the first reagent. The lateral flow device also includes an absorbent material located adjacent to the chromatographic medium, the absorbent material receiving the test sample after flowing through the chromatographic medium.

IPC 8 full level

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Citation (search report)

See references of WO 2007027353A2

Citation (examination)

- WO 2006006961 A1 20060119 - KIMBERLY CLARK CO [US], et al
- WO 2006006960 A1 20060119 - KIMBERLY CLARK CO [US], et al
- WO 9927364 A1 19990603 - QUIDEL CORP [US]

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