

Title (en)
Strip for multiparametrics assays

Title (de)
Streifen für multiparametrische Assays

Title (fr)
Bande pour analyses multiparamétriques

Publication
EP 2135626 B1 20110126 (EN)

Application
EP 08158549 A 20080619

Priority
EP 08158549 A 20080619

Abstract (en)
[origin: EP2135626A1] The present invention is related to an assay strip C compatible with multi-well plate format and adaptable upon a frame D of a multi-well plate for performing a biological reaction between capture and target molecules, comprising: - a strip (A) consisting of at least two wells (2), preferably eight wells (2), each well (2) having an external bottom surface, preferably surrounded by an o-ring of at least 1 mm high, a flat inner bottom surface (5) upon which capture molecules are immobilized, and an open top surface (3), adapted to receive a cap (6), having preferably a rough surface, wherein the said wells (2) are linked to each other by attach(es) (4), - a cap strip (B) comprising at least two and preferably eight caps (6), wherein the said caps are linked to each other by attach(es) (9) located at the top part (7) of the said caps (6), wherein each cap (6) comprises at least one inlet channel (10) and at least one outlet channel (11), wherein the said inlet and outlet channels (10, 11) are located in a depression (15) on the top part (7) of the cap strip (B), wherein the said cap strip (B) is adaptable to the strip (A) and wherein side walls of the cap (6) comprise a pad (14) to seal the cap (6) inside the well (2), to form a chamber having a height of less than five mm preferably less than two mm and even less than one mm and wherein the said pad (14) has a coefficient of thermal expansion which is higher than the well (2).

IPC 8 full level
A61L 15/40 (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP)
B01L 3/50855 (2013.01); **B01L 2200/025** (2013.01); **B01L 2200/0684** (2013.01); **B01L 2300/042** (2013.01); **B01L 2300/046** (2013.01); **B01L 2300/0636** (2013.01); **B01L 2300/0825** (2013.01); **B01L 2300/0829** (2013.01); **B01L 2300/0851** (2013.01)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2135626 A1 20091223; **EP 2135626 B1 20110126**; AT E496639 T1 20110215; DE 602008004752 D1 20110310

DOCDB simple family (application)
EP 08158549 A 20080619; AT 08158549 T 20080619; DE 602008004752 T 20080619