

Title (en)
Strip for multiparametrics assays

Title (de)
Streifen für multiparametrische Assays

Title (fr)
Bande pour analyses multiparamétriques

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Application
EP 08158549 A 20080619

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Abstract (en)
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).

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Citation (applicant)
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