

Title (en)

GENERIC cDNA OR PROTEIN ARRAY FOR CUSTOMIZED ASSAYS

Title (de)

GENERISCHER CDNA ODER PROTEINMATRIX FÜR ANGEPASSTE TESTS

Title (fr)

RESEAU GENERIQUE D'ADNC OU DE PROTEINES DESTINE A DES BIOANALYSES PERSONNALISEES

Publication

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Application

**EP 00919976 A 20000331**

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Abstract (en)

[origin: WO0061806A2] Systems and methods are described for concurrent quantification of multiple macromolecules in a flexible device. The device includes a capture location on a solid support surface. The capture location includes a capture molecule linked to the solid support surface by a first bond type. A first complexing agent including (i) a probe molecule capable of specifically binding a target molecule and (ii) a linker molecule linked by a second bond type to the probe molecule is used, such that the linker molecule can be specifically bound to the capture molecule thereby immobilizing the probe molecule on the solid support surface. The systems and methods provide advantages by allowing a user to create an array of capture locations for the concurrent quantitation of multiple macromolecules, including nucleic acids and proteins. A kit is also described, including reagents capable of linking the linker molecule to a probe molecule.

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**C12Q 1/68**

IPC 8 full level

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CPC (source: EP)

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