

Title (en)
METHOD AND APPARATUS FOR PERFORMING SUBMICROLITER REACTIONS WITH NUCLEIC ACIDS OR PROTEINS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG VON SUBMIKROLITERREAKTIONEN MIT NUKLEINSÄUREN ODER PROTEINEN

Title (fr)
METHODE ET APPAREIL DE MISE EN OEUVRE DE REACTIONS INFERIEURES A UN MICROLITRE A L'AIDE D'ACIDES NUCLEIQUES OU DE PROTEINES

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Abstract (en)
[origin: WO0306667A2] Methods for preparing nanoscale reactions using nucleic acids or proteins are presented, Nucleic acids are captured saturably, yet reversibly, on the internal surface of the reaction chamber, typically a capillary. Excess nucleic acid is removed and the reaction is performed directly within the capillary. Proteins are captured specifically and saturably on the modified inner surface of the reaction chamber, typically a capillary. Excess protein is removed and the reaction is performed directly within the capillary. Devices for effecting the methods of the invention and a system designed advantageously to utilize the methods for high throughput reactions involving nucleic acids or proteins are also provided.

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