Analytical Instrumentation, Methods & Materials

Device And Method Incorporating A Slideable Lid For Extracting A Targeted Fraction From A Sample

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The Invention

A device and a method for isolating a target from a biological sample are provided. The target is bound to solid phase substrate to form target bound solid phase substrate. The device includes a lower plate with an upper surface having a plurality of regions. The biological sample is receivable on a first of the regions. An upper plate has a lower surface directed to the upper surface of the lower plate. A force is positioned adjacent the upper plate and attracts the target bound solid phase substrate toward the lower surface of the upper plate. At least one of the upper plate and the lower plate is movable from a first position wherein the target bound solid phase substrate in the biological sample are drawn to the lower surface of the upper plate and a second position wherein the target bound solid phase substrate are isolated from the biological sample.

Additional Information

For More Information About the Inventors

- David Beebe

Tech Fields

- Analytical Instrumentation, Methods & Materials : Microfluidics

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846