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(54) Titre : DOSAGE BIOLOGIQUE A ECOULEMENT LATERAL ET ECOULEMENT TRAVERSANT BASE SUR UN SUPPORT POREUX A MOTIF, SES PROCEDES DE FABRICATION ET SES PROCEDES D'UTILISATION
(54) Title: LATERAL FLOW AND FLOW-THROUGH BIOASSAY DEVICES BASED ON PATTERNED POROUS MEDIA, METHODS OF MAKING SAME, AND METHODS OF USING SAME

(57) Abrégé/Abstract:

Embodiments of the invention provide lateral flow and flow-through bioassay devices based on patterned porous media, methods of making same, and methods of using same. Under one aspect, an assay device includes a porous, hydrophilic medium; a fluid impervious barrier comprising polymerized photoresist, the barrier substantially permeating the thickness of the porous, hydrophilic medium and defining a boundary of an assay region within the porous, hydrophilic medium; and an assay reagent in the assay region.

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