Title (en)
METHOD AND APPARATUS FOR QUANTITATIVE AND SEMI-QUANTITATIVE DETERMINATION OF AN ANALYTE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR QUANTITATIVEN UND SEMIQUANTITATIVEN BESTIMMUNG EINES ANALYTES

Title (fr)
PROCEDE ET APPAREIL DESTINES A L'EVALUATION QUANTITATIVE ET SEMI-QUANTITATIVE D'UNE SUBSTANCE A ANALYSER

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Application
EP 96928285 A 19960909

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Abstract (en)
[origin: WO9709620A1] A method for quantitative or semi-quantitative determination of target analyte(s) in a test sample, said method comprising the steps of: (i) non-diffusibly attaching to at least one test zone of a lateral flow liquid permeable medium an analyte receptor capable of binding to the target analyte or a predetermined amount of analyte; (ii) diffusibly attaching to a support medium which may comprise the lateral flow liquid permeable medium or a separate support element an analyte detection agent which detects the presence of target analyte in the test sample, said analyte detection agent having a label associated therewith; (iii) diffusibly attaching to a support medium which may comprise the lateral flow liquid permeable medium or a separate support element a calibration agent having a label associated therewith; (iv) non-diffusibly attaching to at least one calibration zone of the lateral flow liquid permeable medium a calibration agent receptor capable of binding the calibration agent; (v) contacting the lateral flow liquid permeable medium with the test sample; and (vi) comparing signals associated with each label at the test zone(s) and calibration zone(s) to effect determination of the target analyte in the test sample.

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