METHOD OF EVAPORATING LIQUID IN MICRO-CAPILLARIES

ABSTRACT

There is provided a method of charging an array of micro-capillaries, the micro-capillaries having at least one end that is open for fluid communication, the method comprising the steps of: (a) filling the array of micro-capillaries with an assay liquid; (b) controllably evaporating at least some of the assay liquid to remove it from the micro-capillary and create a void space in each of the capillaries between the assay liquid and the open end; and (c) filling the void space with a liquid that is immiscible with said assay liquid. There is also provided a use of the disclosed method and a device for charging an array of micro-capillaries.

(Figs. 2a-2c)