

Abstract

Device for the simultaneous and qualitative or quantitative determination of a plurality of analytes in a liquid sample, comprising a membrane 2 with

- 5 - an application zone 5 for the application of the liquid sample,
- at least one group of at least two indicator zones, which are able to interact with the analyte(s) and
- at least one absorption region 3 which takes up the liquid after having passed the indicator zones

10 wherein the indicator zones are located between the application zone 5 and the absorption region 3, characterized in that the flow directions from the application zone 5 through the respective indicator zones of a group towards an absorption region 3 (flow tracks) are substantially parallel and that at least two different flow tracks are present.

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Furthermore, the invention relates to a method for the determination of a plurality of analytes or their derivatives in a liquid sample, comprising:

 the application of the sample onto the application zone 5 of a membrane 2 of the device according to any one of the preceding claims 1 to 8, wherein this sample is
20 present in adequate amounts in order to induce the test liquid to flow in the direction of the absorption region 3 through the indicator zones and to induce the analytes or their derivatives in the test liquid to form a complex in the indicator zones.

25 Figure 1