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10 CARTRIDGE AND DEVICE FOR ANALYZING BIOLOGICAL SAMPLES USING TEMPERA-
TURE-CONTROLLED BIOLOGICAL REACTIONS

Abstract

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The cartridge according to the invention for analysing biological samples comprises:

- a reaction chamber and a biochip mounted in the reaction chamber,
- a filling nozzle connected so as to communicate with the reaction chamber, and
- a compensation chamber connected so as to communicate with the reaction chamber,

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wherein the reaction chamber, the compensation chamber and all lines connected thereto form a chamber sealed as far as the filling nozzle, wherein

the filling nozzle forms a free passage to the reaction chamber from outside the cartridge, and a stopper is provided which fits positively and tightly in the filling nozzle in such a way that, when pressed in over a certain distance, fluid is displaced from the filling nozzle towards

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the reaction chamber.

Figure 1