

Title (en)
DISPOSABLE FLOW CHIP DEVICE

Title (de)
EINWEG-FLUSS-CHIP-VORRICHTUNG

Title (fr)
DISPOSITIF DE PUCE D'ÉCOULEMENT JETABLE

Publication
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Application
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Abstract (en)
[origin: EP3075451A1] The present invention is related to a disposable flow chip device (1) comprising a microfluidic chip (2) comprising two reservoirs (13, 14) being in fluidic communication with a micro-channel (18), with one or more detection zone(s) (23) and with connectors (12), a pump cartridge (3) comprising a pipe (9) being in contact, in use, with one or more roller(s) (27) of an external peristaltic pump (4), and hermetic connectors (10) complementary to the microfluidic chip connectors (12), wherein the pipe (9) is in fluid communication with the reservoirs (13, 14) of the microfluidic chip (2). The invention relates also to a method and an apparatus for detecting and/or quantifying one or more analyte(s) possibly present in a biological sample using the disposable flow chip device (1) according to the invention.

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Cited by
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