Title (en)

PROCESS FOR DETECTING NUCLEUS-CONTAINING CELLS IN A SAMPLE LIQUID OF A PATIENT USING A MICROFLUIDIC DEVICE AND MICROFLUIDIC DEVICE

Title (de)

VERFAHREN ZUM ERKENNEN VON KERNHALTIGEN ZELLEN IN EINER PROBENFLÜSSIGKEIT EINES PATIENTEN UNTER VERWENDUNG EINER MIKROFLUIDISCHEN VORRICHTUNG UND MIKROFLUIDISCHE VORRICHTUNG

Title (fr)

PROCÉDÉ DE DÉTECTION DE CELLULES CONTENANT UN NOYAU DANS UN ÉCHANTILLON LIQUIDE D'UN PATIENT AU MOYEN D'UN DISPOSITIF MICROFLUIDIQUE ET DISPOSITIF MICROFLUIDIQUE

Publication

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Application

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Abstract (en)

[origin: WO2022223593A1] The invention relates to a process for detecting nucleus-containing cells in a sample liquid (105) of a patient using a microfluidic device (100), wherein the process comprises a step of providing, a step of outputting and a step of identifying. The step of providing involves providing a mixing signal to a mixing means, wherein the mixing signal effects mixing of the sample liquid (105) with a lysis buffer in a mixing chamber (110) of the microfluidic device (100) to obtain a lysate. The step of outputting involves outputting an application signal which effects application of the lysate onto a carrier substrate (115) of the microfluidic device (100) to obtain a cell sediment and a cell suspension of the lysate. The step of identifying involves identifying the the nucleus-containing cells from the cell sediment.

IPC 8 full level

B01L 3/00 (2006.01); **G01N 15/14** (2024.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2022223593A1

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