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Motorized smart pipette for handheld operation of a microfluidic blood plasma separator

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Graphical abstract

A motorized smart pipette is proposed as a portable pumping technology for microfluidic blood separators with advantages of high pumping controllability and stability. The clinical utility of the pumping technology was demonstrated by separating blood plasma from whole blood and successfully recovering cancer cell-derived exosomes spiked in blood. Download English Version:

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