

Supplementary video S1: Real-time video showing continuous injection, trapping and up-concentration of isolated A549 cancer cells in Zone 3 (cf. Fig. 1). The flow rate is 0.5 $\mu\text{l}/\text{min}$ and the size of the chamber is 3.63 \times 1.43 mm. A still image of the same experiment is shown in Fig. 6b.