

Supplementary Information

A high-efficiency microfluidic device for size-selective trapping and sorting

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Original images used for making full device images

Fig. 5(a)

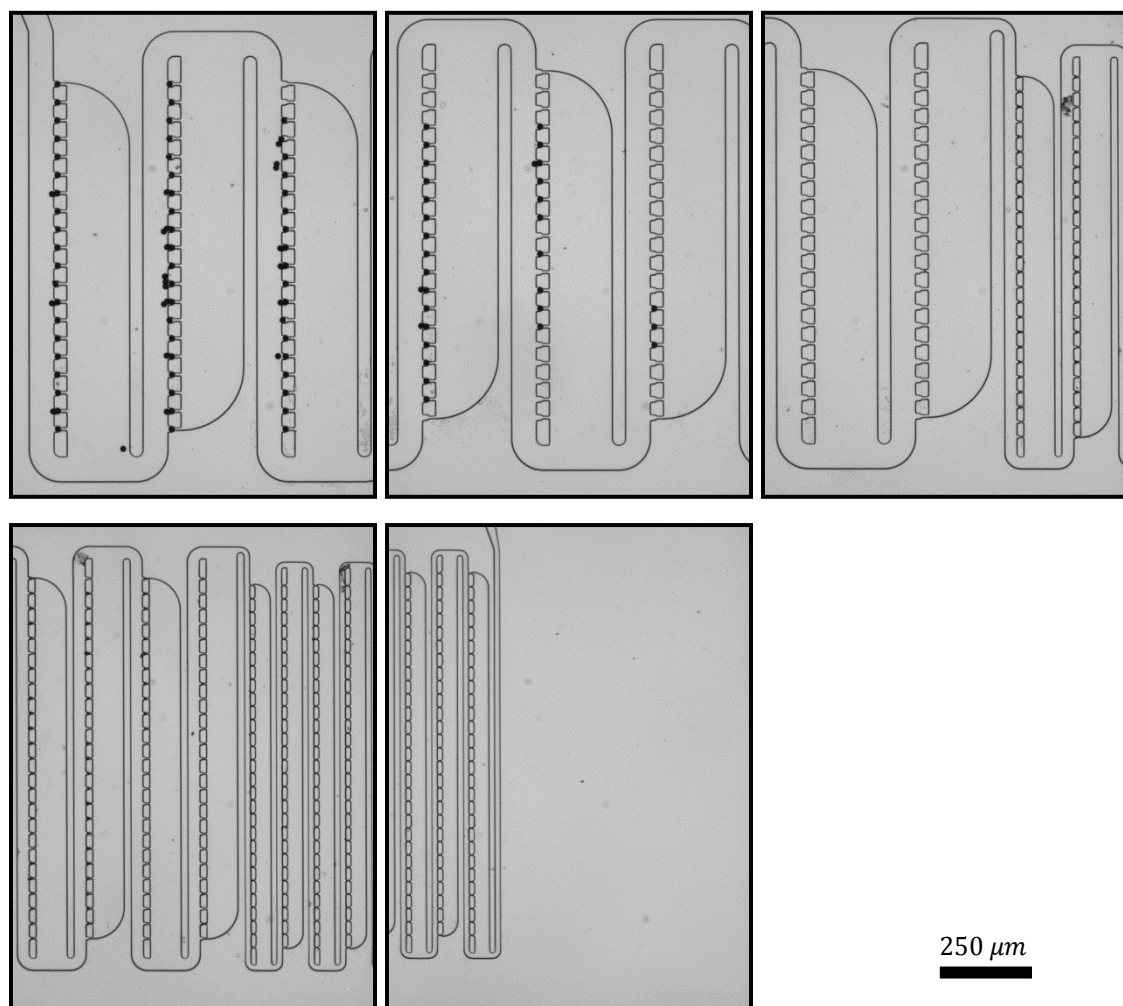


Fig. 5(b) Red color

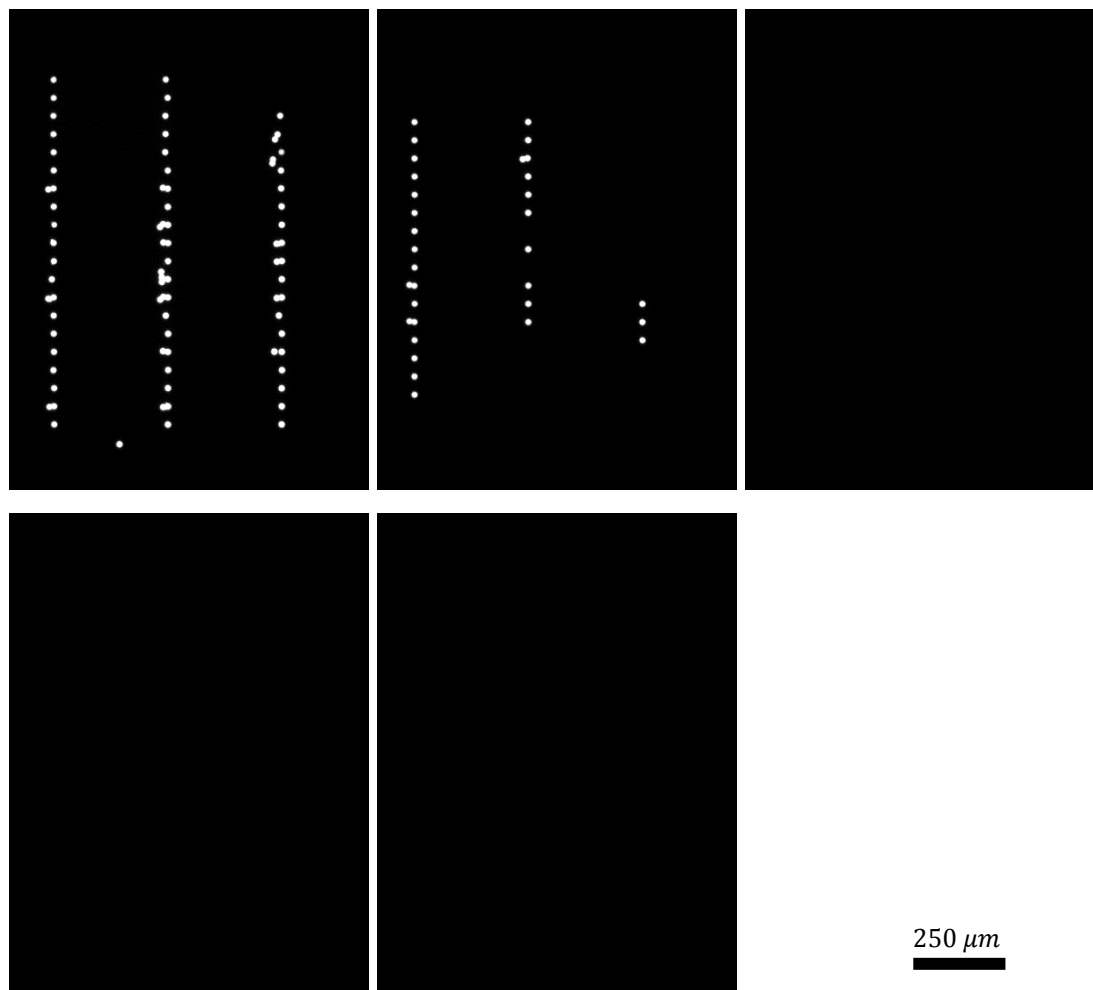
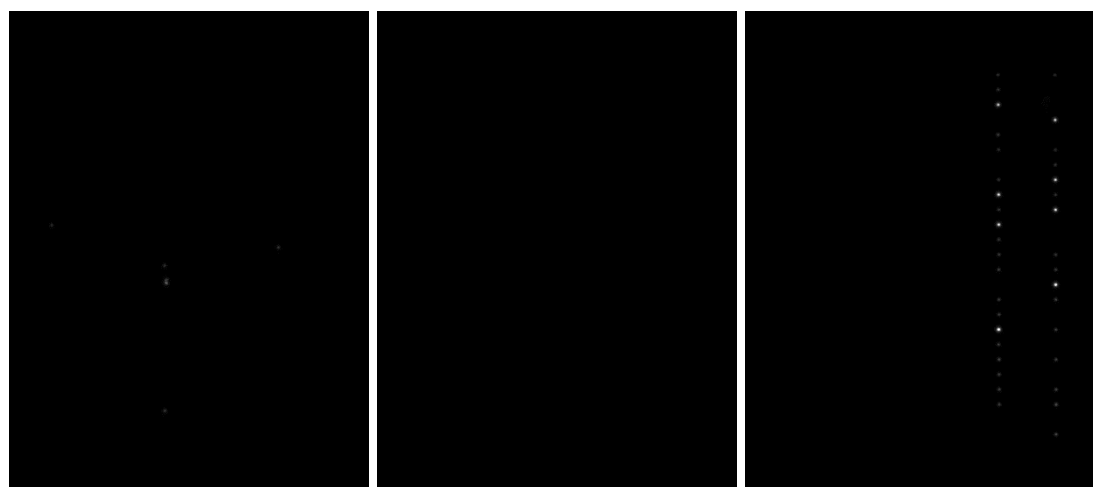


Fig. 5(b) Green color



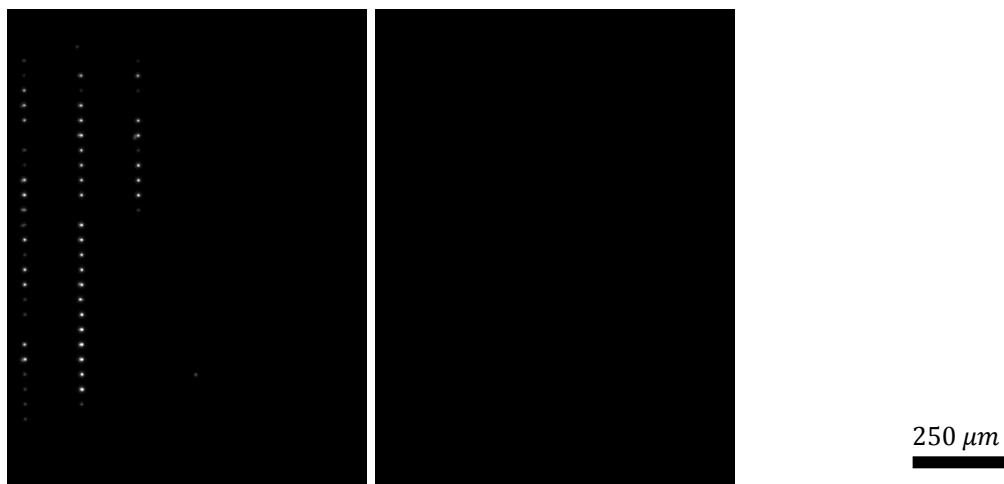


Fig. 5(b) Yellow color

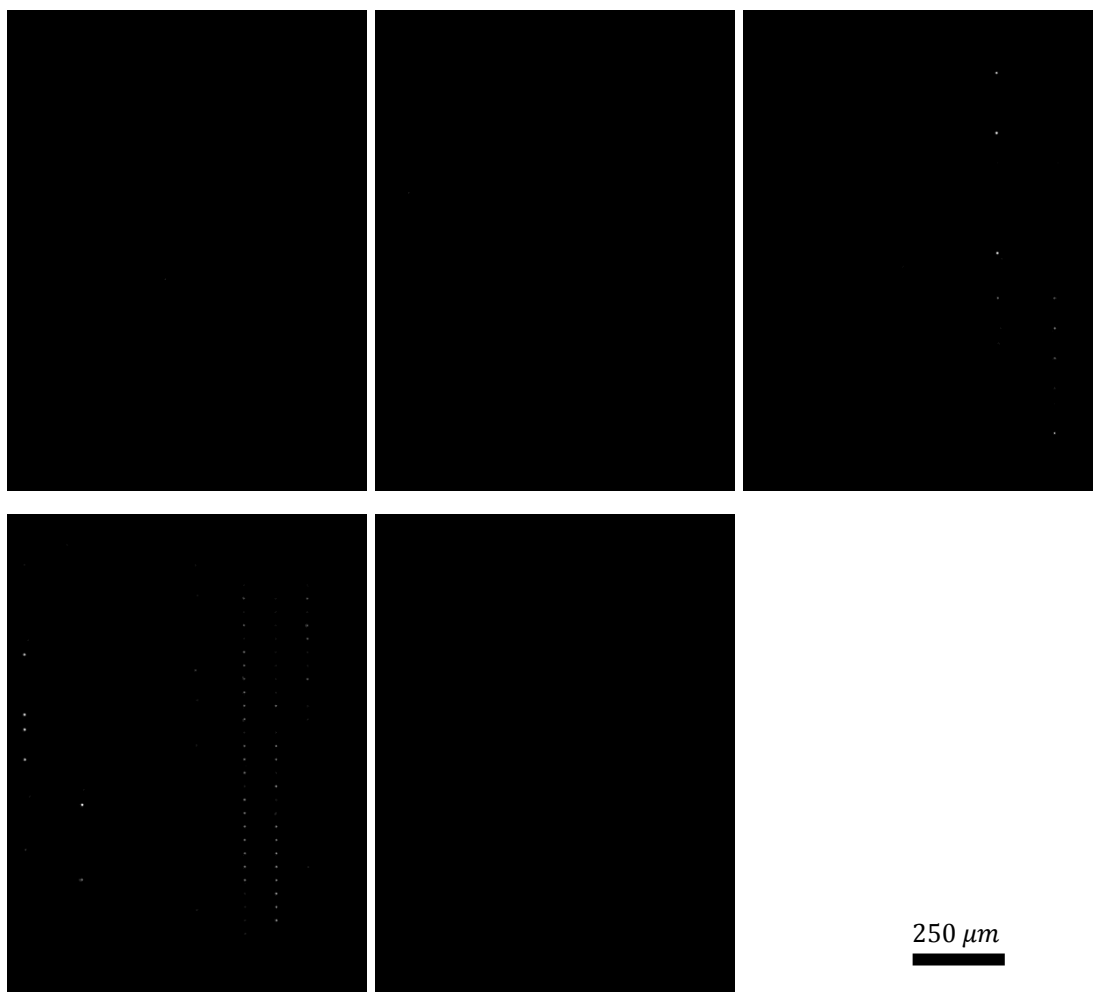


Fig. 6(a)

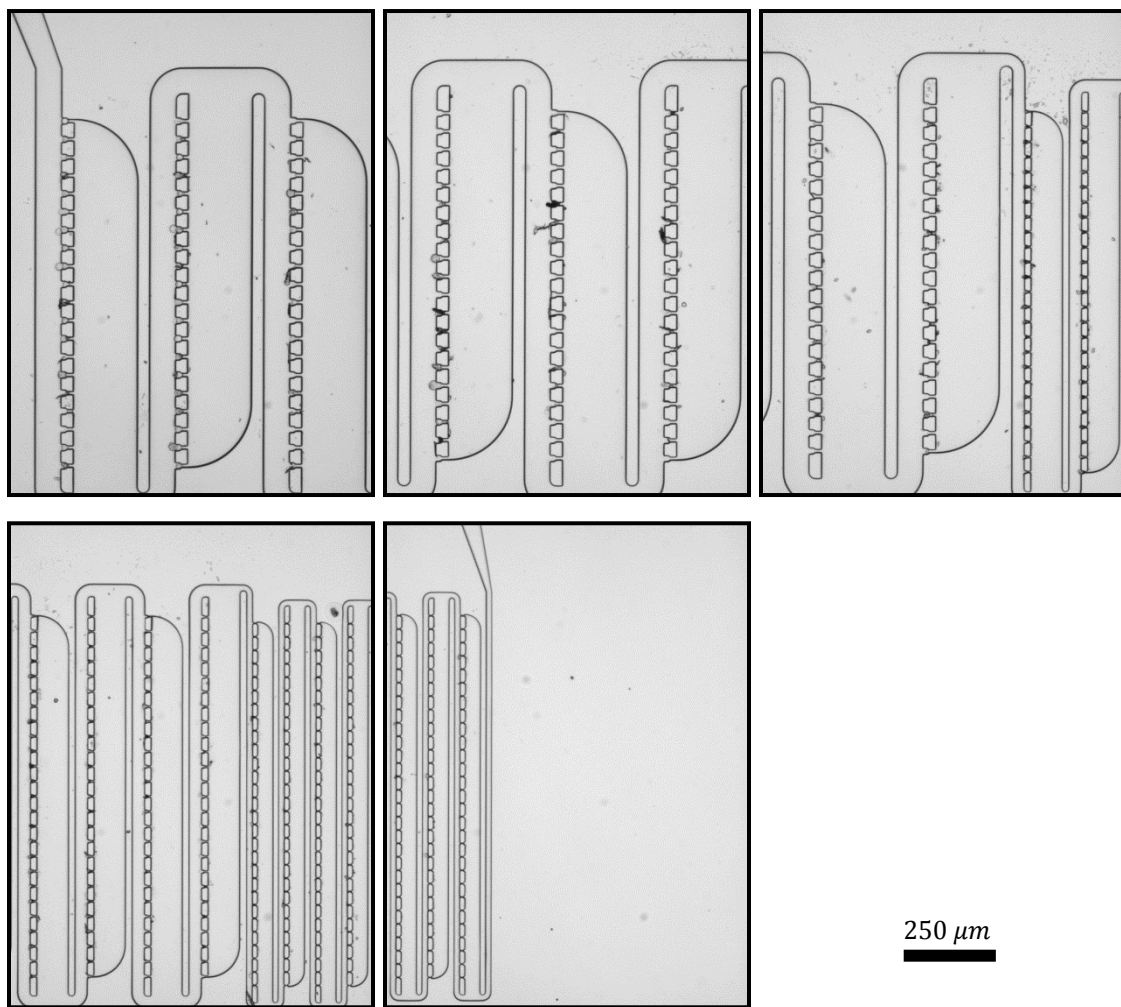
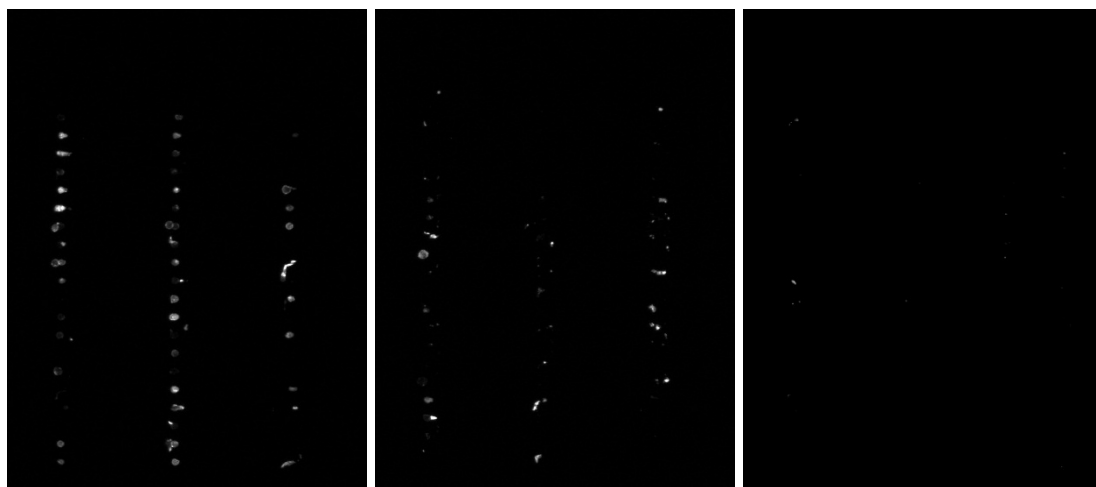


Fig. 6(b) Red color



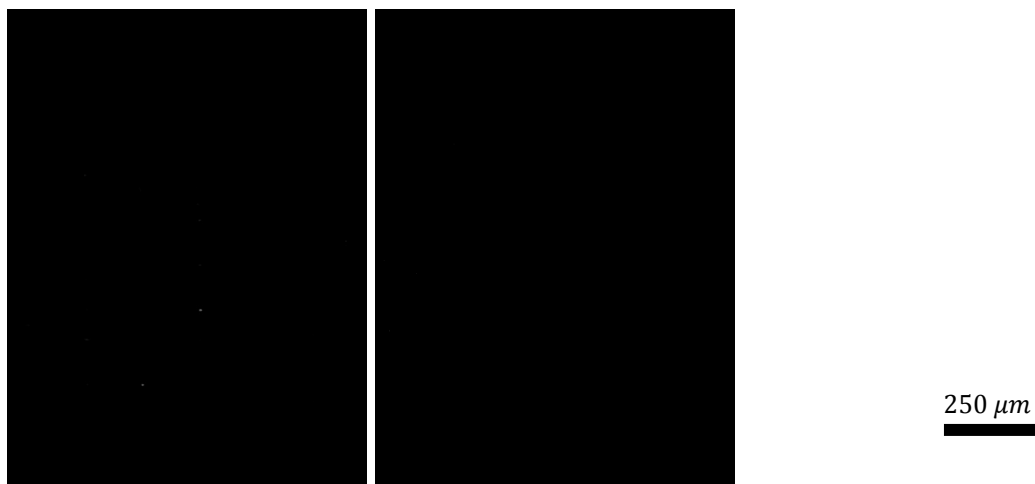


Fig. 6(b) Green color

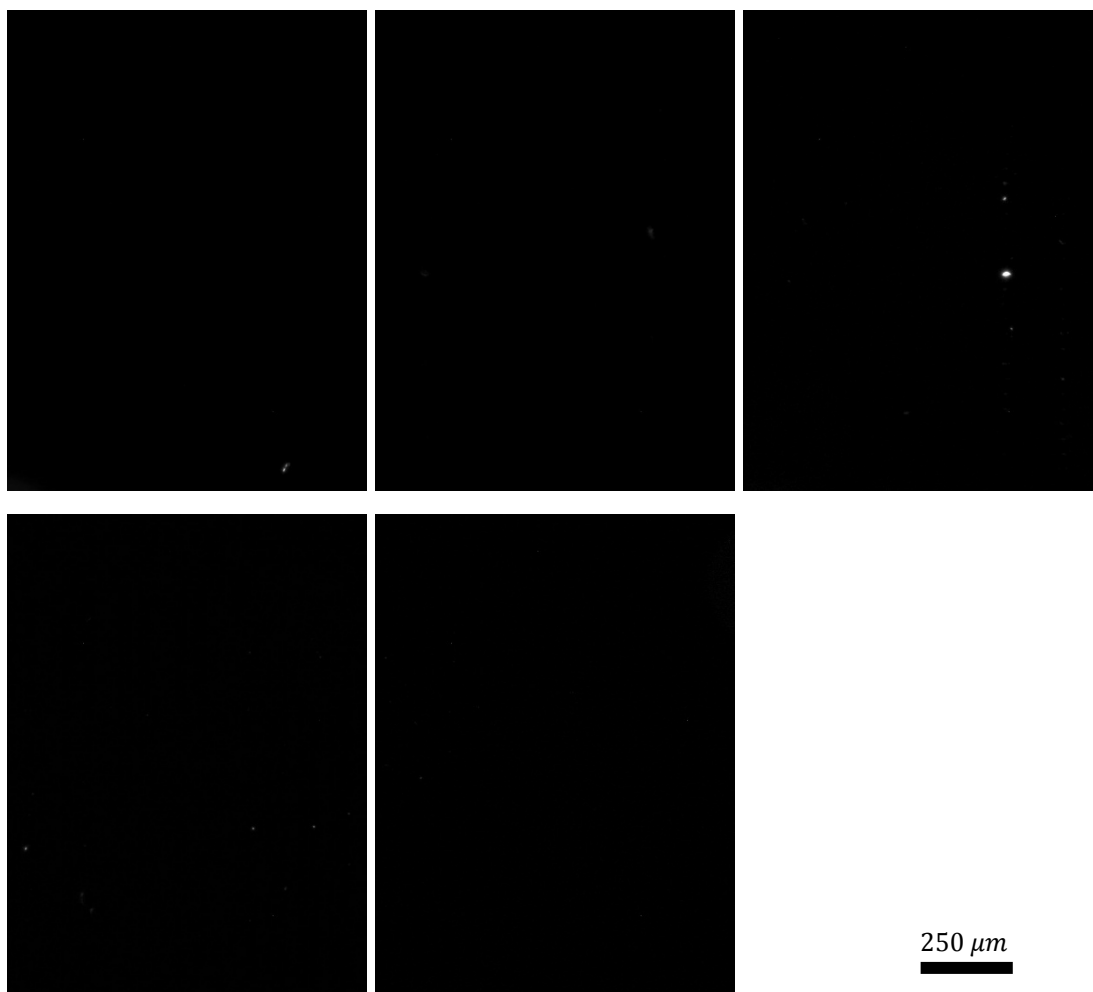
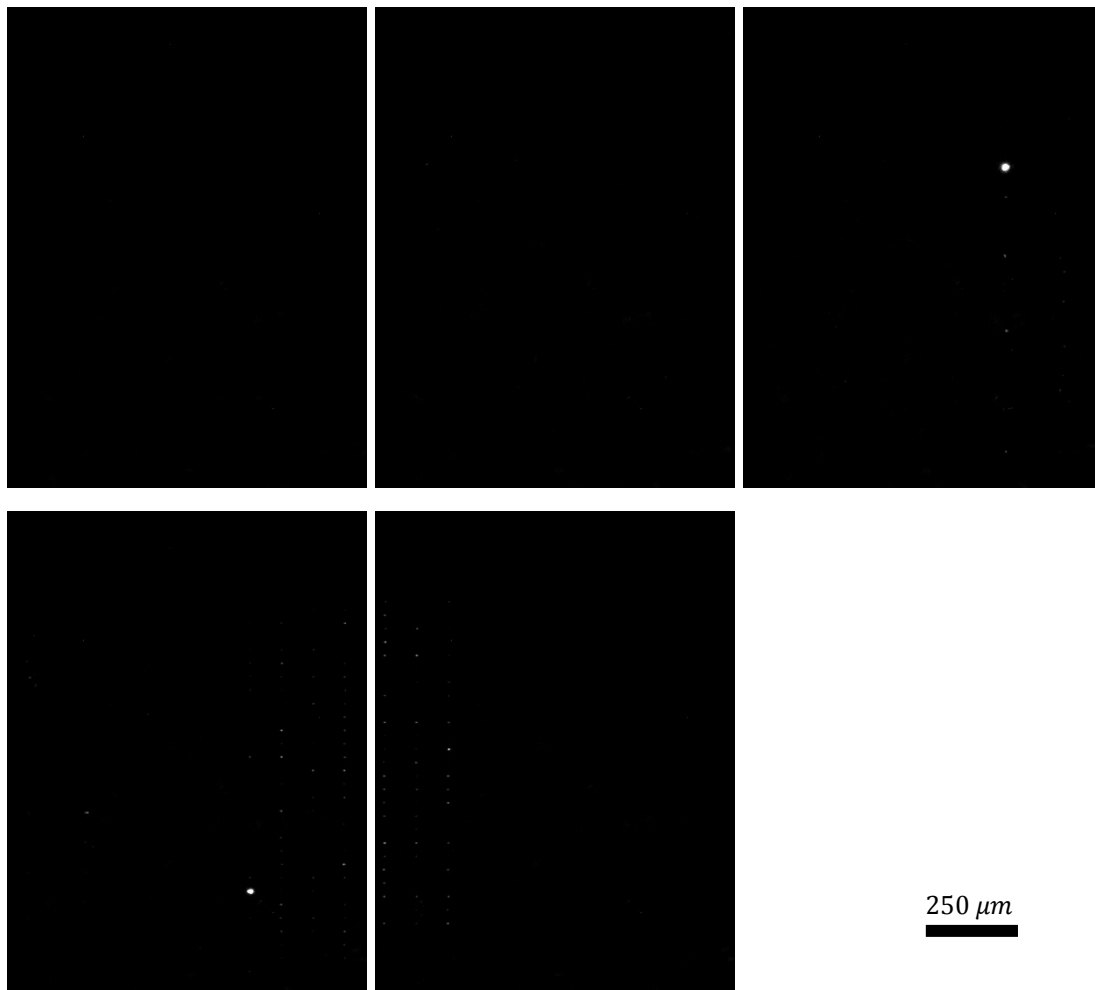


Fig. 6(b) Yellow color



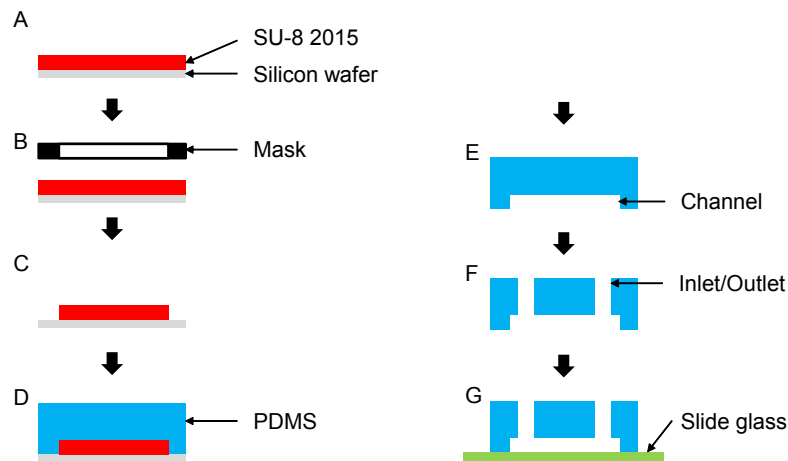


Fig. S1. Schematic diagram on the fabrication of PDMS microfluidic trapping device.

Device fabrication method

- A. SU-8 2015 Spin-coating (2000 rpm, 30 sec)
- B. Photolithography (UV exposure)
- C. Development (SU-8 developer, 3 min)
- D. PDMS pouring on the SU-8 mold (80 °C oven, 30 min)
- E. Removing SU-8 mold
- F. Punching Inlet/Outlet
- G. PDMS bonding to the slide glass (O₂ plasma, 50W, 0.7 min)