

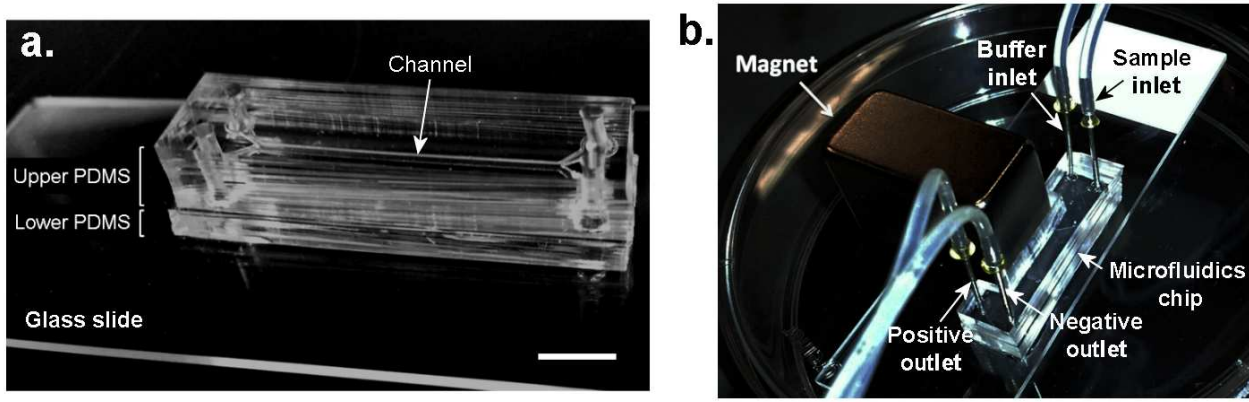
Supporting Information:

Design of a microfluidic chip for magnetic-activated sorting of one-bead-one-compound libraries

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Supplementary Figure 1. Construction of microfluidic magnetic sorter. (a) Two identical open-faced PDMS channels (upper and lower PDMS) were aligned precisely and bonded to form the microfluidic device. Scale bar, 5 mm. (b) An external neodymium magnet was placed adjacent to the collection flow path. (Optional: Excess PDMS adjacent to the collection flow path can be excised using a sharp razor blade to allow placement of the magnet in closer proximity with the channel).

Supplementary Figure 2. Magnetic sorting using microfluidic device. Time-lapse video microscopy of the microfluidics channel and its outlets showing the sorting of a mixed population of positive (magnetized) and control (non-magnetized) beads. (Red: Magnetic particles; White: Control beads).

(Contains web-enhanced object content)