

Movie 1-beads trapping

Caption: Status of single-bead trapping on the 10-site chip under the pressure difference of $\Delta p_{12} + 2000$ Pa: site 1-6 have stably trapped beads; site 7 can unstably trap a single bead; site 8-10 have no bead trapped.

Keyword: microfluidics, single cell analysis, cell culture, cell trapping, hydrodynamic force, single-bead trapping