

Supporting information for Lab on a Chip article B510127A

"Digital Microfluidics using Soft Lithography"

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Movie 1: "B510127A - movie 1 - latch example close up"

This movie provides a demonstration of the microfluidic latching mechanism which is described in the paper. An aqueous sample is dispensed into a pressurized oil stream, and then caught downstream by an activated latch. Once the latch is released, the sample continues to flow downstream.

Movie 2: "B510127A - movie 2 - latch example overview"

The latching mechanism is demonstrated again, illustrating that the latch allows emulsified samples to be trapped under the presence of a continuous oil pressure.