Supplementary Information

Nanoliter centrifugal liquid dispenser coupled with superhydrophobic microwell array chips for high-throughput cell assays

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Supplementary Figures

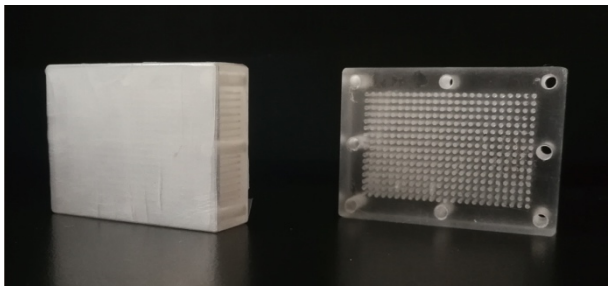

Figure S1. Photo of stock blocks wrapped with Parafilm M for storage (left) and without film (right).

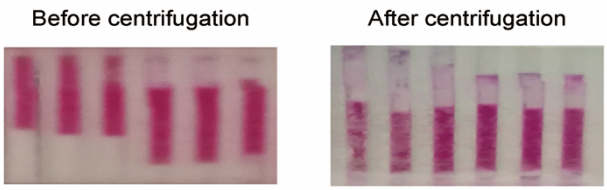

Figure S2. Plugs of Rhodamine B dye loaded in reagent holes of the stock block before and after centrifugation.

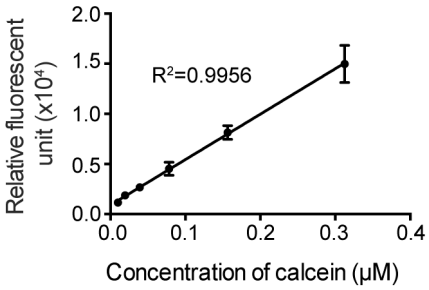

Figure S3. Calibration curve between the calcein concentrations and fluorescence intensities in the reagent and cell chip assembly (n=5). For each calcein concentration, the calcein solution was loaded into the reagent chip by NanoCLD, and the cell chips submerging the entire chips into the same concentration of calcein solution followed by aspirating away the excess. After that, the reagent and the cell chips were sandwiched together face-to-face for imaging.