Electronic Supplementary Material (ESI) for Analytical Methods.

Supporting Information for

An abosrption spectrophotometer-compatible paper-based thin-layer cuvette with an integrated-pneumatic pump

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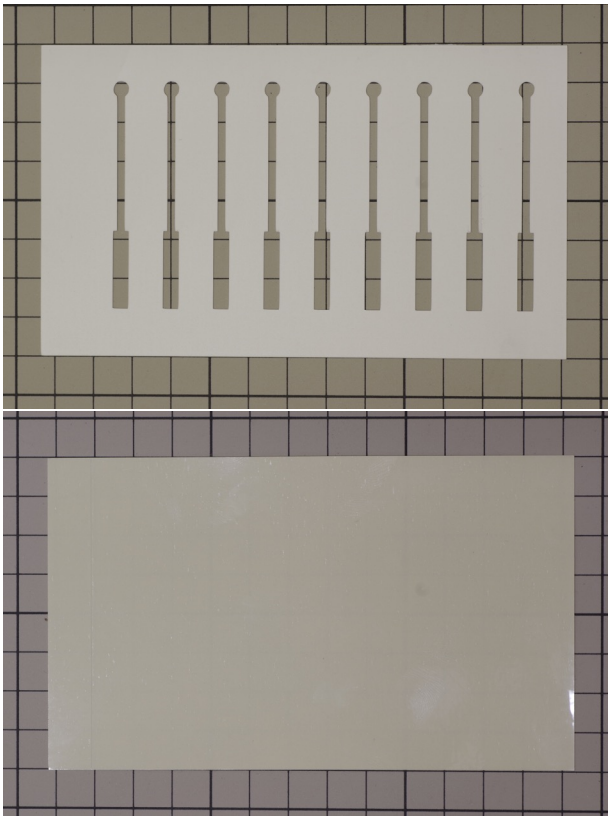

Fig. S1. Photographs of (upper) nine shapes of paper-based cuvettes in parallel-cut in a polypropylene substrate and (lower) a conventional PET seal tape for 96-well plate (135 mm× 90 mm) with a light cream-colored release paper.

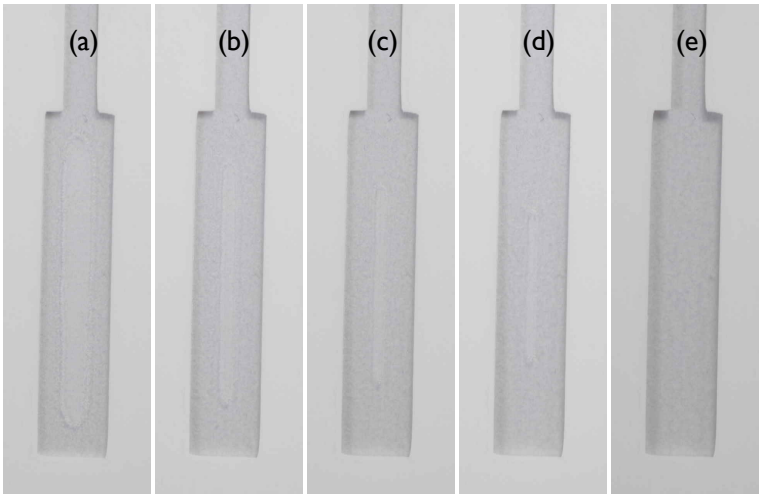

Fig. S2. Sequential photographs of a pump of a paper-based cuvette (a)-(e) after releasing of a finger from the pump.

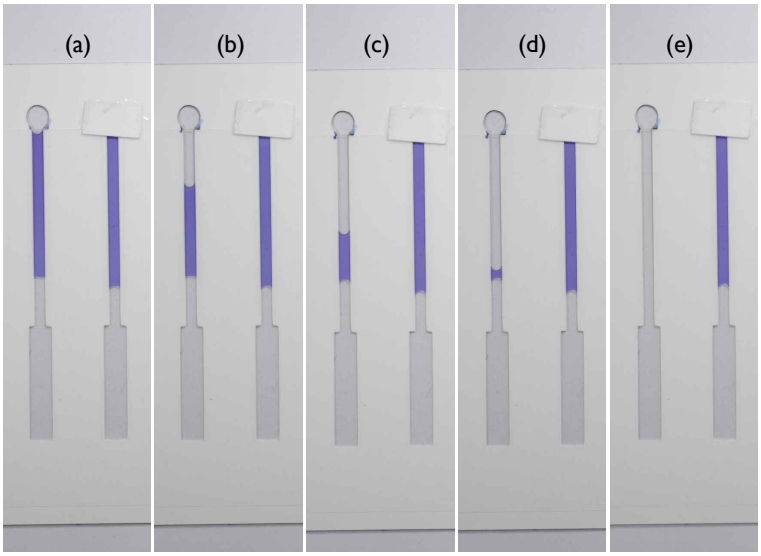

Fig. S3. (a) Photographs of paper-based cuvettes containig aqueous solutions of BPB (left) without and (right) with closing of the reservoir; (b)-(e) sequential pictures at an interval of 1 h after the sample introduction.