

## Supplementary Materials

# VEGF Detection via Simplified FLISA Using a 3D Microfluidic Disk Platform

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**Fig. S1** SEM images of microstructure (designed diameter (D) =500, 250, 200, and 100  $\mu\text{m}$ ) on 3D printed surface fabricated in the (a–d) vertical and (e–h) lateral directions to show resolution of stereolithography apparatus.

**Fig. S2** (a) Top view of 3D-printed block. (b) Isometric view and (c) sectional view of the 3D-printed block.

**Fig. S3** Angular velocity of disk with respect to time for the mixing cycle during incubation and the bead washing process.

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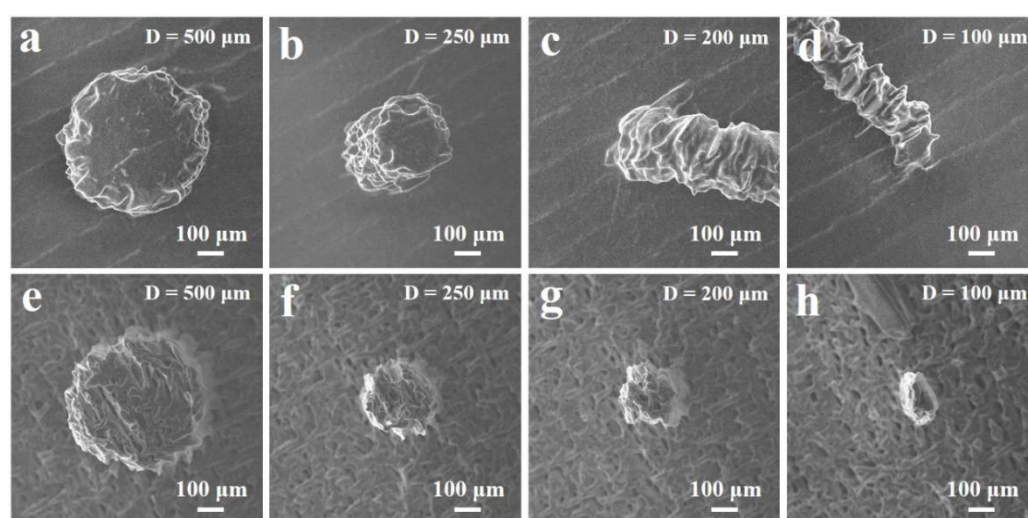
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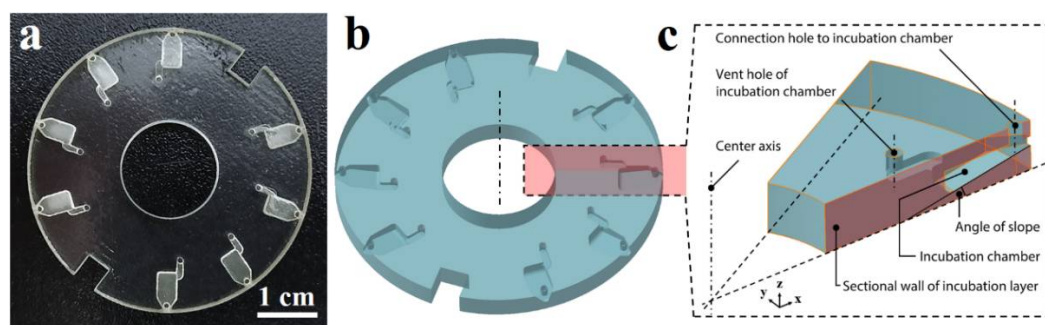


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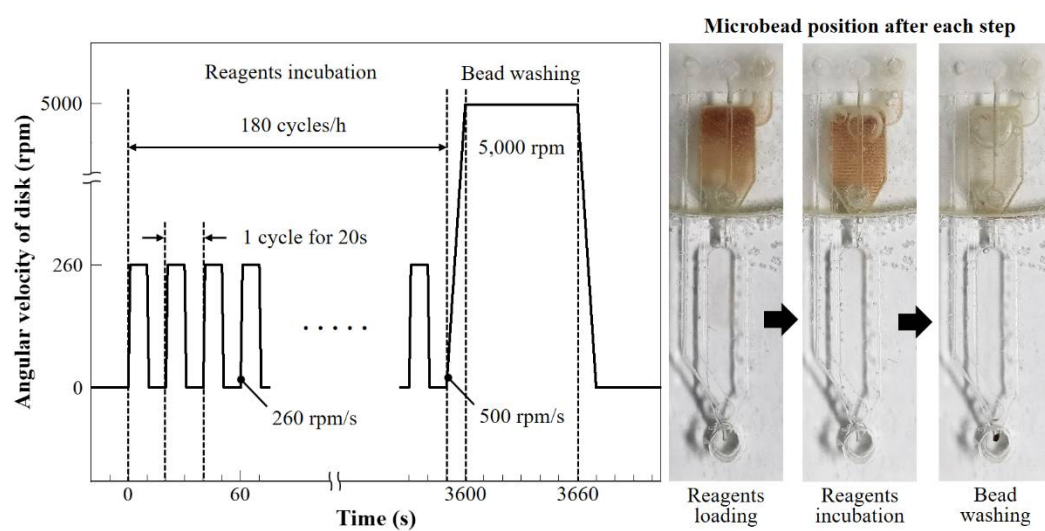


Fig. S3 Angular velocity of disk with respect to time for the mixing cycle during incubation and the bead washing process. The microbead position after each step (reagent loading, reagent incubation, and bead washing).