

3D-printed millifluidic platform enabling bacterial preconcentration and DNA purification for molecular detection of pathogens in blood

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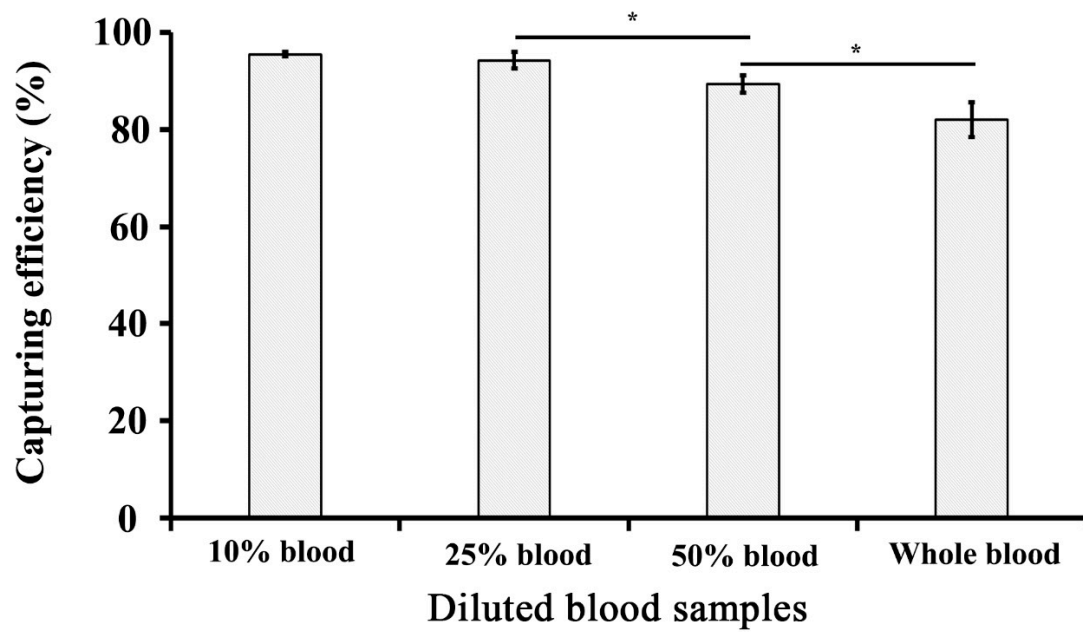


Figure S1. Effect of dilution of blood on bacterial capturing efficiency. 10 mL of either diluted blood (10%, 25%, 50%) or whole blood samples containing 10^5 CFU/mL of *E. coli* O157:H7 (final conc.) and Ab-MNPs (10^{13} particles/mL, final conc.) were injected into the 3DpmFD at a flow rate of 2 mL/min. *: $p < 0.05$, Student *t*-test. Sample number = 3.