

Supplementary Materials: Bacterial Concentration Detection using a PCB-based Contactless Conductivity Sensor

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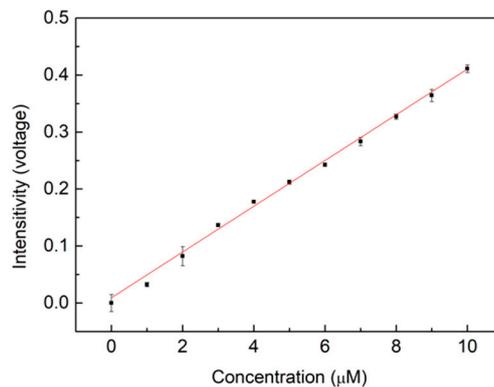


Figure S1. The C⁴D detection of different concentrations of the potassium chloride solution from 1 to 10 μM ($R^2 = 0.9885$).

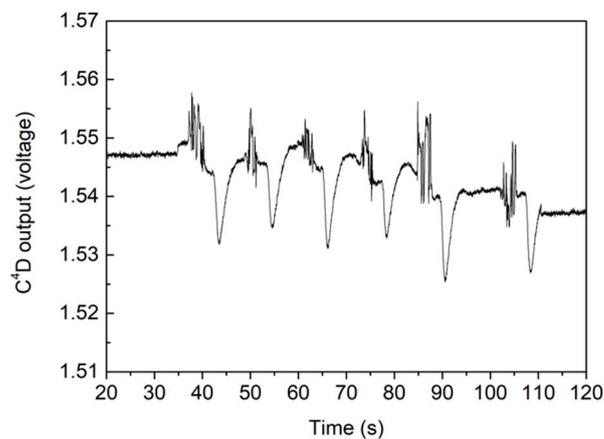


Figure S2. Response to the injection of 0.1 μM KCl solution. The flow velocity is 3 $\mu\text{L}/\text{min}$ of DI water, and the injection volume of sample is 1 nL.