

Supplementary Materials: Multiparameter Microwave Characterization and Probing of Ultralow Glucose Concentration Using Microfabricated Biochip

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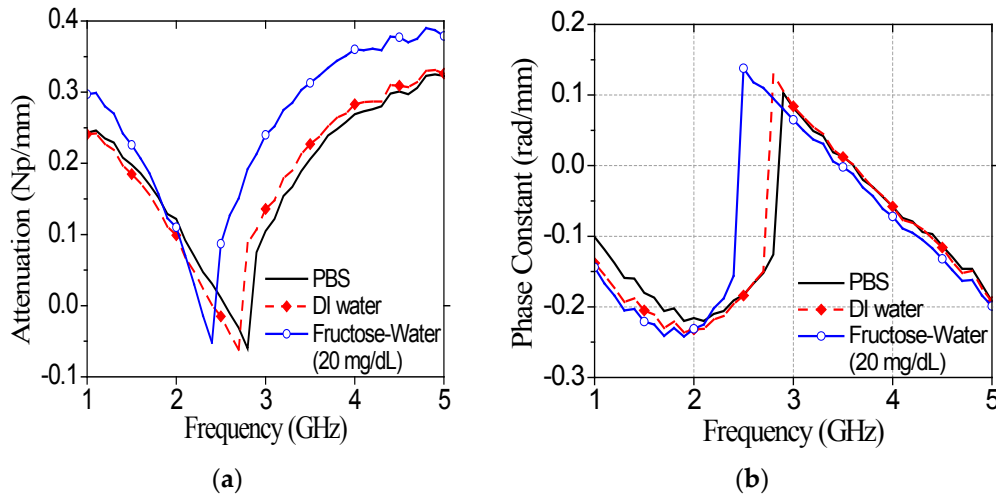


Figure S1. Microwave characterization of aqueous solutions using proposed microfabricated biochip. (a) Attenuation and (b) phase constant.

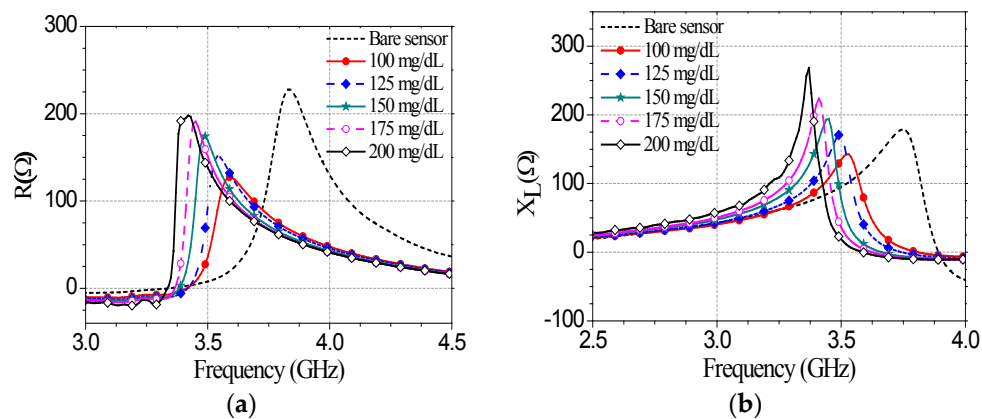


Figure S2. Glucose-level-dependent impedance constituent parameters of the proposed biochip for human serum. (a) Net resistance and (b) net inductive reactance.