Supporting Information of

A Wearable Electrochemical Platform for Non-Invasive Simultaneous Monitoring of Ca^{2+} and pH

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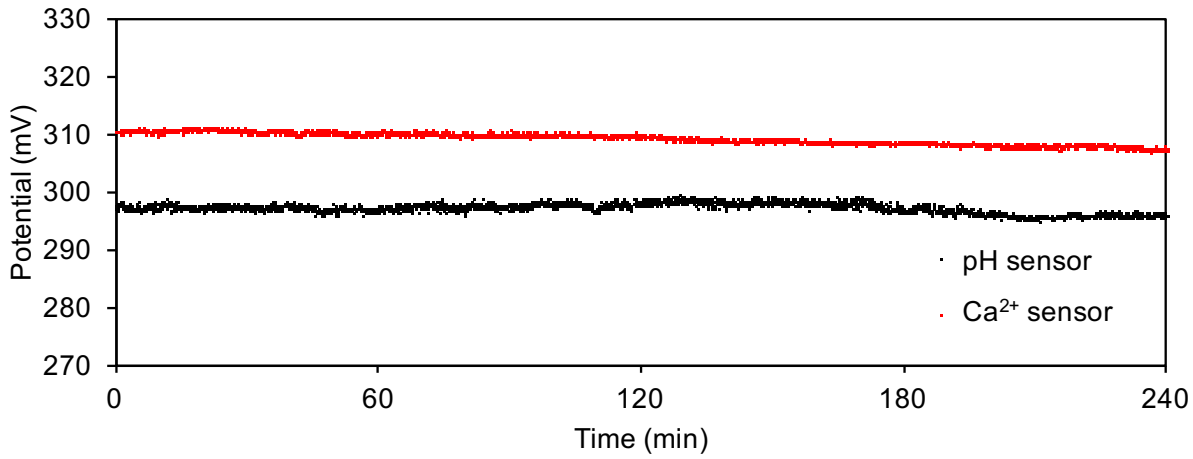

Figure S1. Long-term stability of Ca^{2+} and pH sensors in 0.01 M acetate buffer containing 1 mM $CaCl_2$ in 4 hours. Potential is reported with respect to a standard Ag/AgCl reference electrode.

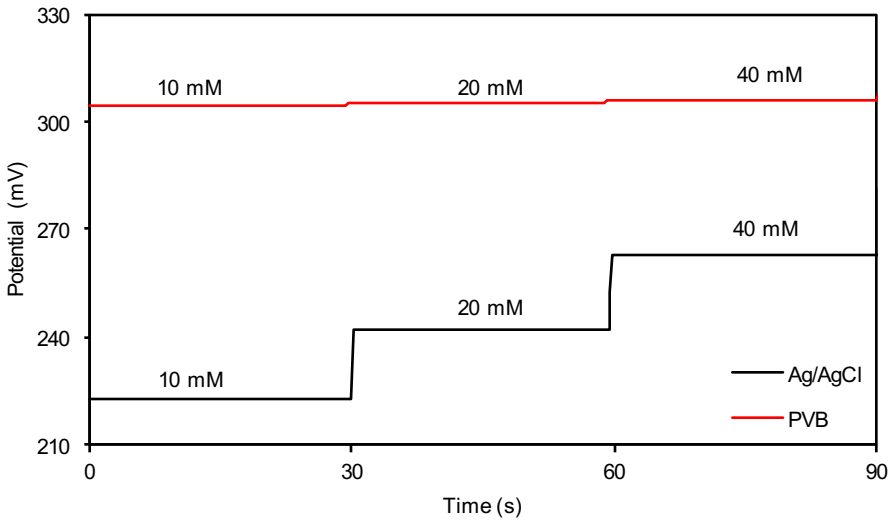

Figure S2. pH sensor tested with Ag/AgCl and PVB reference electrodes in McIlvaine's buffer of pH 5.0 with varying concentration of NaCl. Potential is reported with respect to a standard Ag/AgCl reference electrode.

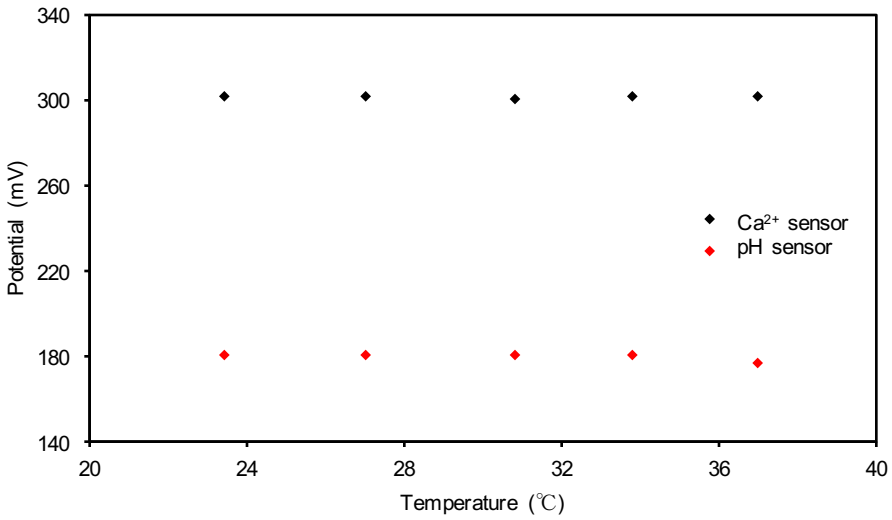

Figure S3. Temperature dependence of Ca^{2+} and pH sensor in a solution containing 0.5 mM Ca^{2+} in McIlvaine's buffer of pH 5.0.