

## Electronic Supplementary Information for Analyst

### **Cotton Fabric-based Electrochemical Device for Lactate Measurement in Saliva**

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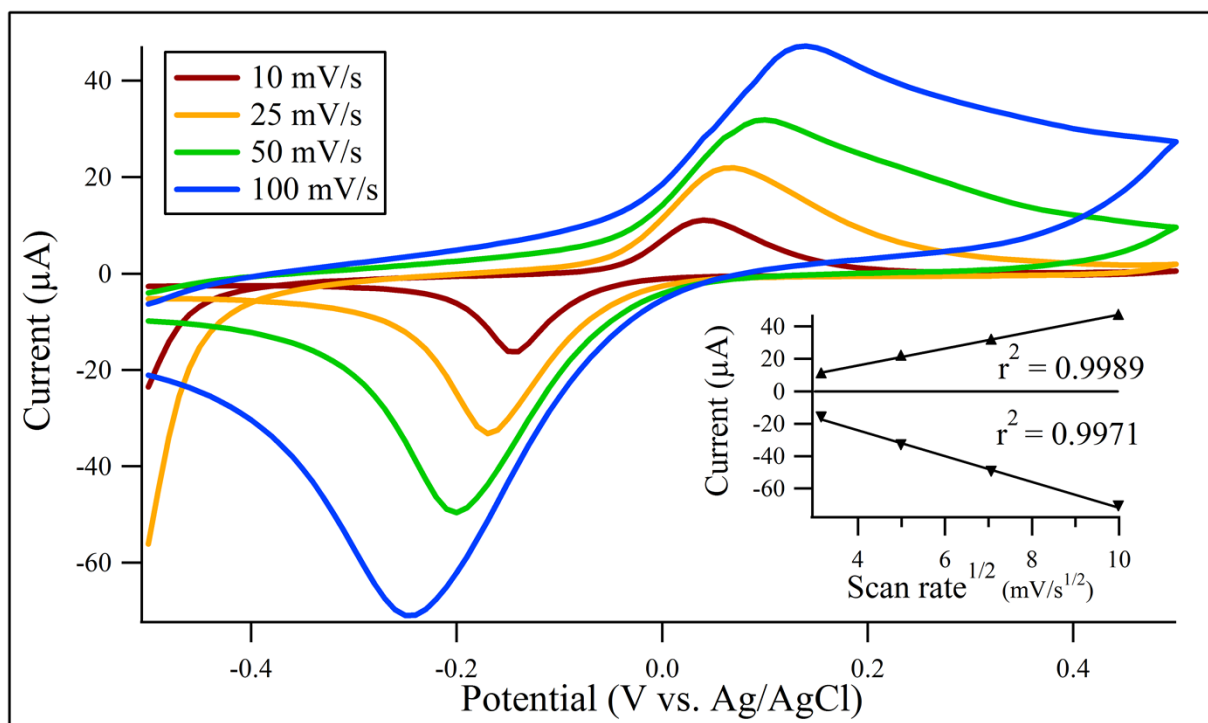
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### **Supplementary Figures**

**Figure S1** CV of the C-PB electrodes on the FED as obtained in 0.1 M PBS at potential scan rates ranging from 10 to 100 mV/s. *Inset* shows the dependence of anodic and cathodic peak currents on the square root of the potential scan rate.



**Figure S2** Chronoamperometric response to demonstrate selectivity of the lactate FED towards 0.5 mM lactate in the presence of 0.5 mM glucose, ascorbic acid and uric acid, respectively. *Inset* shows the mean anodic current obtained for the respective sample solutions for three separate lactate FEDs. Error bars =  $\pm$  SEM ( $n = 3$ ).

