

Supplemental Information for

High Performance Thylakoid Bio-Solar Cell Using Laccase Enzymatic Biocathodes

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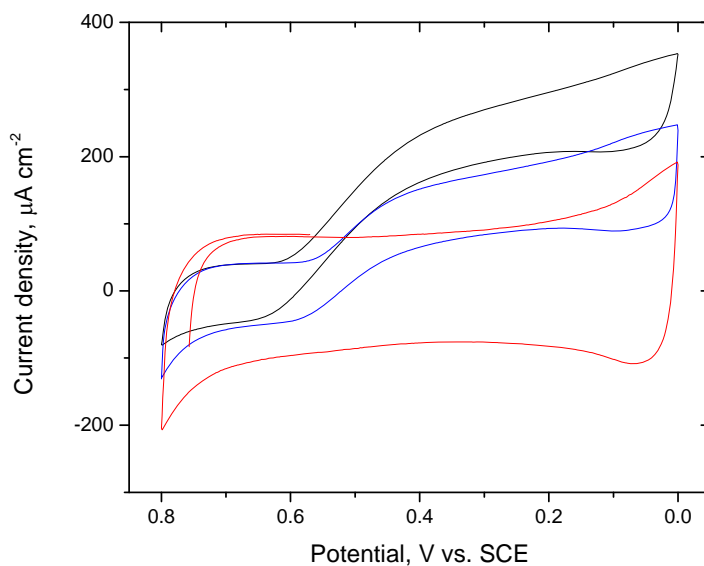


Fig. S1 Representative cyclic voltammograms of a laccase electrode at 10 mV/s in air saturated citrate buffers with different pHs: 4.5 (black line), 5.5 (blue line), and 6.5 (red line).

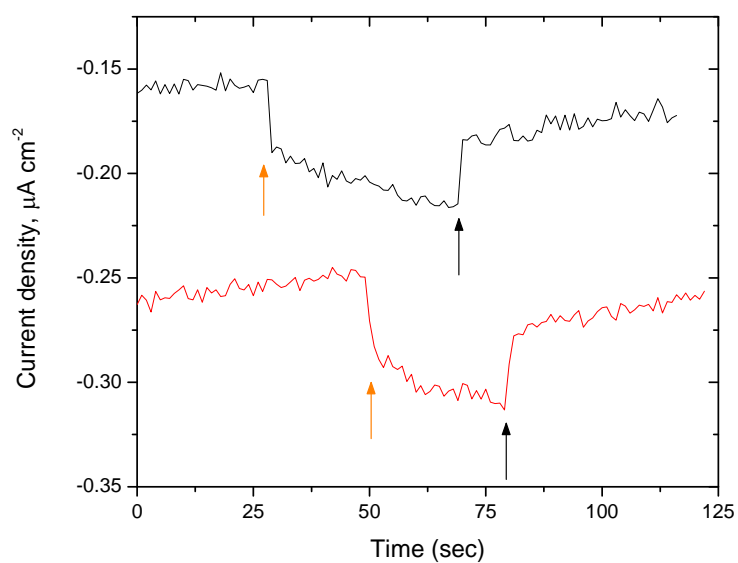


Fig. S2 Representative amperometric *i-t* curves of a thylakoid electrode at 0.3 V vs. SCE at two different pHs: 7.4 (black line) and 5.5 (red line). Orange arrows indicate when the light was turned on and black arrows when the light was turned off. The oxidative process at the electrode gives an increase in negative current when the light is on and returns to background values when it is turned off.