

Supplementary Data

In situ growth of CuWO_4 nanospheres over graphene oxide for photoelectrochemical (PEC) immunosensing of clinical biomarker

Figure S1

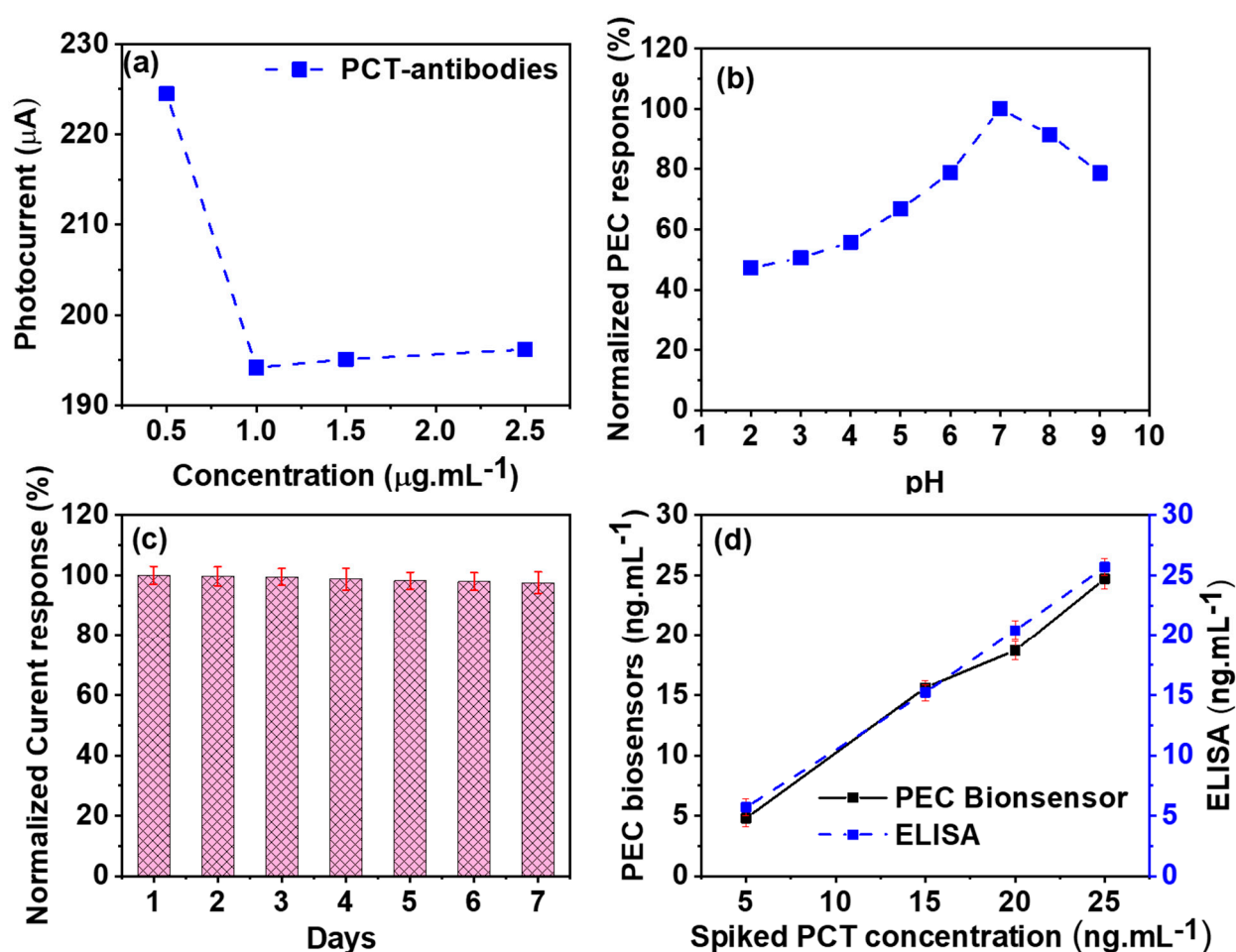


Figure S1. (a) photocurrent optimization of $\text{Ab}_1/\text{CuWO}_4/\text{rGO}/\text{GCE}$ against different concentration of PCT-antibodies, (b) variation of $\text{CuWO}_4/\text{rGO}/\text{GCE}$ photocurrent against different pH of AA, (c) shelf-life evaluation of devised electrode during 1 week of measurement, (d) the comparison of the PCT concentration measured using designed PEC sensor and standard ELISA within simulated blood plasma (SBP).