

Immobilisation and Encapsulation of Functional Protein-Inorganic Constructs

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Supplementary information

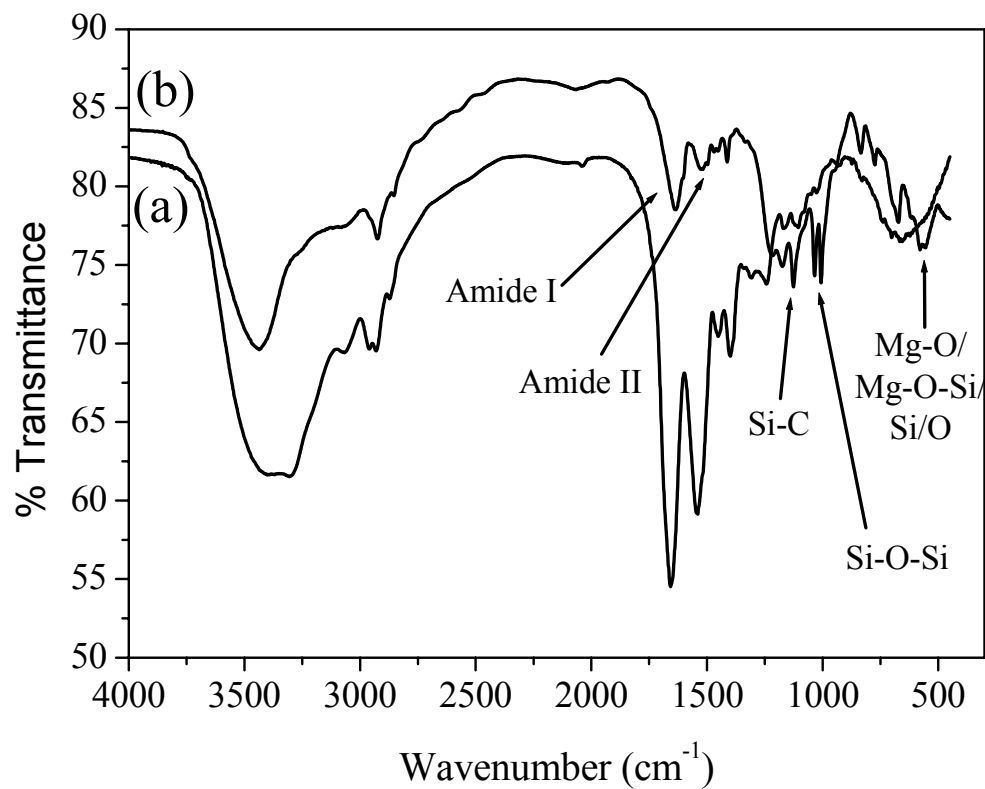


Figure S1: FTIR spectra of (a) native cyt *c* and (b) cyt *c*/PSS/AMP nanocomposite

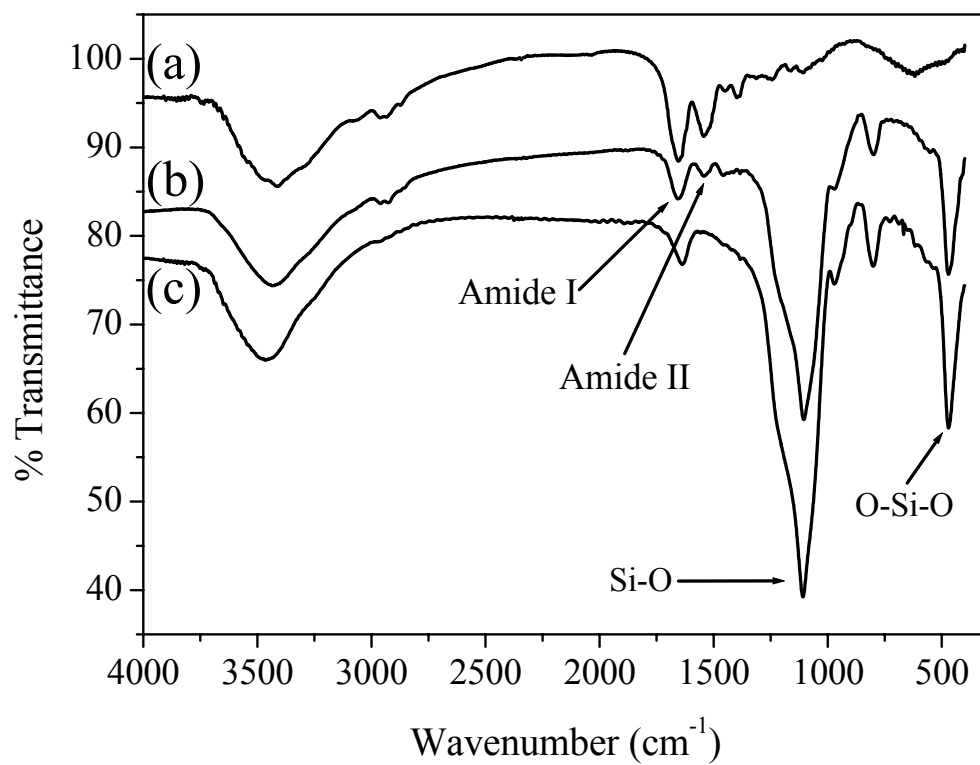


Figure S2: FTIR spectra of (a) native cyt *c*, (b) cyt *c*/silica hybrid nanoparticles and (c) silica nanoparticles.

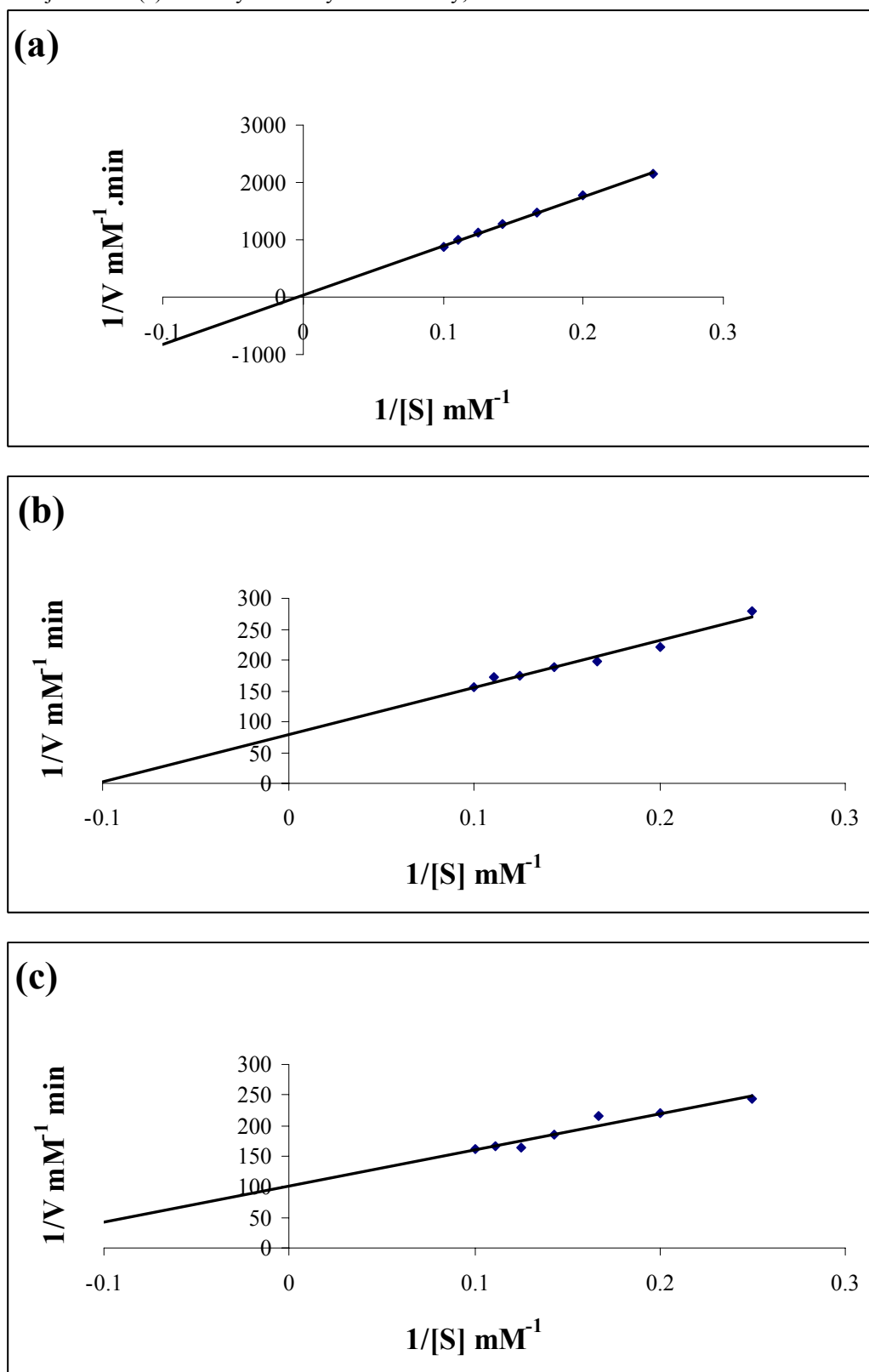


Figure S3 Lineweaver-Burk plots of $1/V$ versus $1/[S]$ corresponding to the oxidation of ABTS by H_2O_2 catalysed by (a) native *cyt c*, (b) *cyt c*/PSS mixture and (c) *cyt c*/PSS/AMP clay composite, respectively.

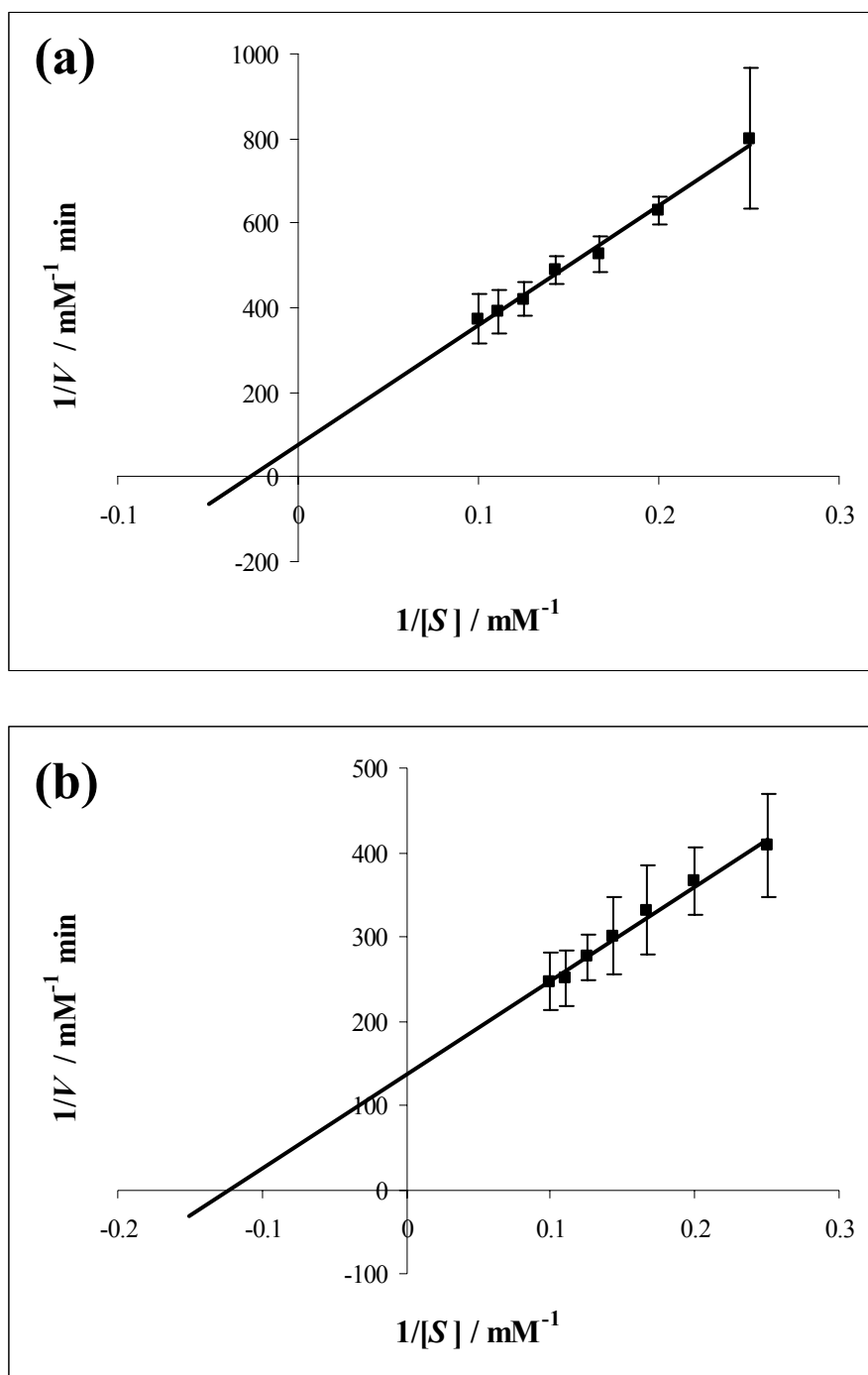


Figure S4 Lineweaver-Burk plots of $1/V$ versus $1/[S]$ corresponding to the oxidation of ABTS by H_2O_2 catalysed by (a) native cyt *c* and (b) cyt *c*/silica hybrid nanocomposite, respectively