

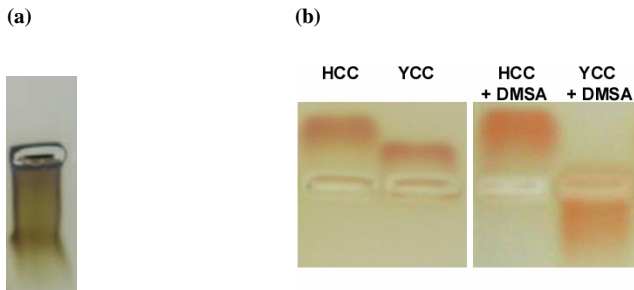
Supporting Information

## Structure of Cytochrome *c* at the interface with magnetic $\text{CoFe}_2\text{O}_4$ nanoparticles

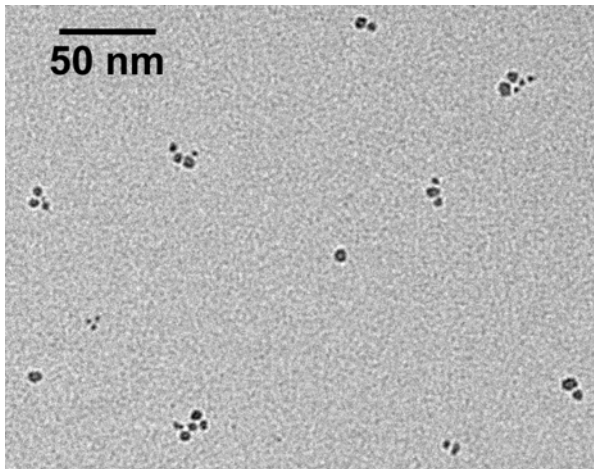
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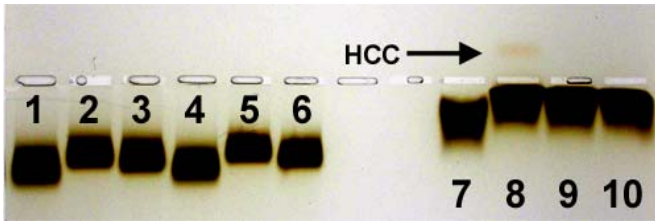
E-mail: schiffer@mit.edu



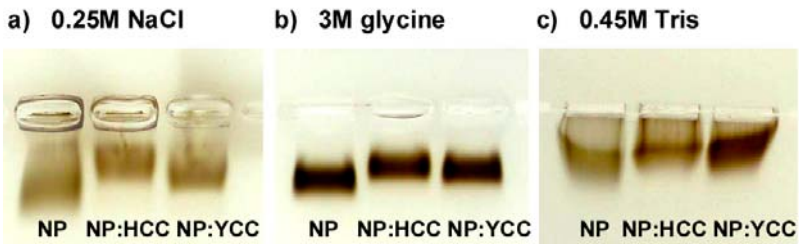
**Fig. S1** a) Agarose gel electrophoresis of  $\text{CoFe}_2\text{O}_4$  nanoparticles with DMSA ligands without  $\beta$ -mercaptoethanol treatment. b) Agarose gel electrophoresis of HCC and YCC, with and without DMSA. YCC is positively charged but runs toward positive electrode when incubated with DMSA, indicating that DMSA attaches to YCC C102.



**Fig. S2** TEM of DMSA NPs, one month after purification.



**Fig. S3** Color picture of gel in Fig. 3.



**Fig. S4** 1% agarose gel electrophoresis of NP incubated with CC in presence of 0.25M NaCl (a), 3M glycine (b) and 0.45M Tris (c).