

Supporting Information

Heme-Cu Bound A β Peptides: Spectroscopic Characterization, Reactivity and Relevance to Alzheimer's Disease

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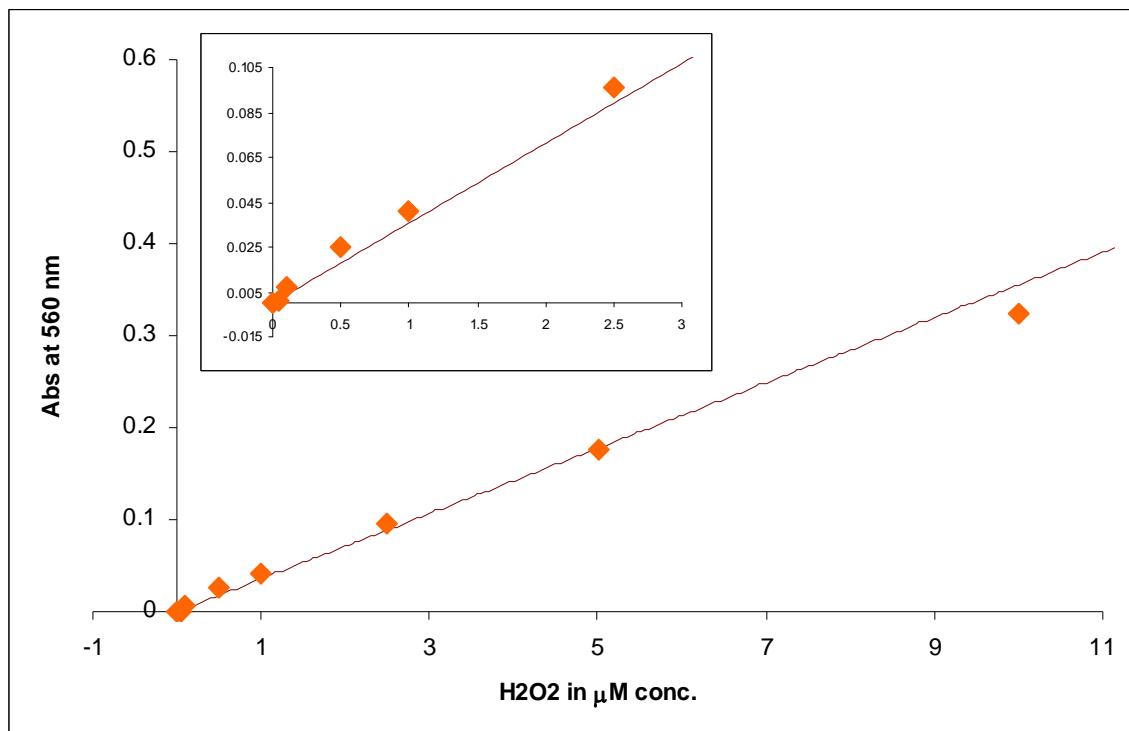


Figure S1. Calibration curve for H₂O₂ detection by the xylenol orange assay protocol, (details in the Materials and Methods section). Absorbance at 560 nm vs. different concentrations of H₂O₂ (μM) have been plotted to prepare the calibration curve.

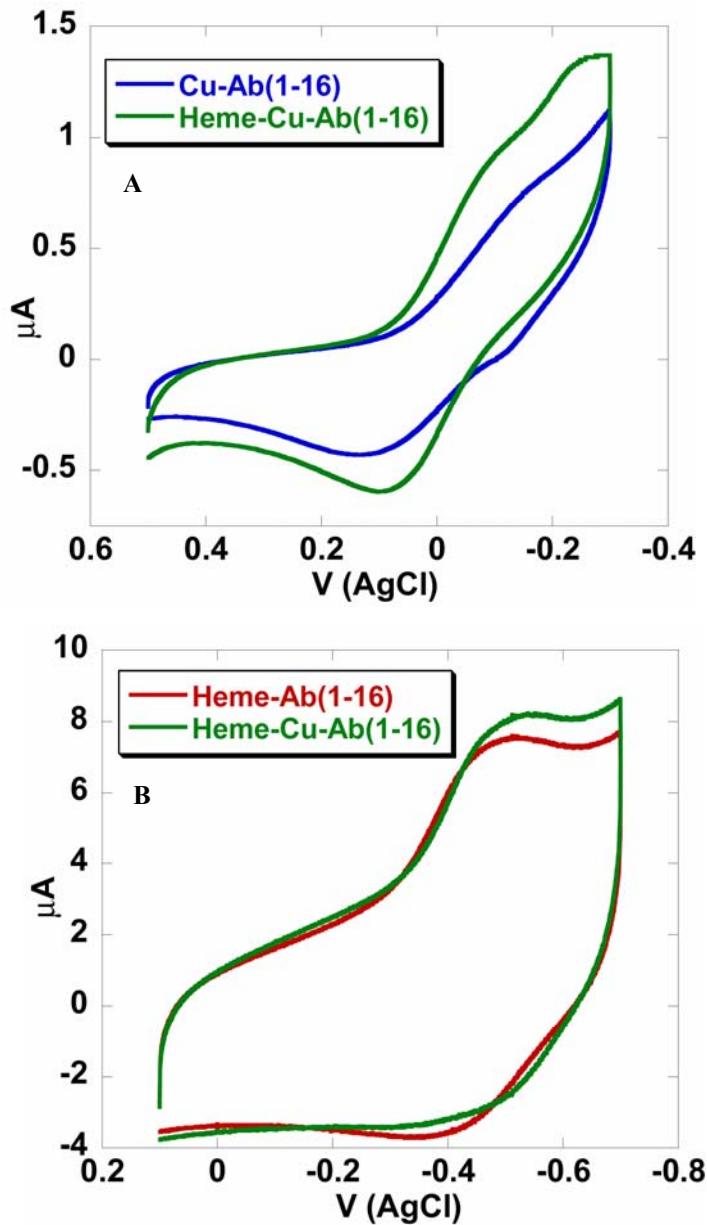


Figure S2. Anaerobic CV of A) Cu-A β (1-16) (blue) and heme-Cu-A β (1-16) (green) at 20 mV/s, and B) heme-A β (1-16) (red) and heme-Cu-A β (1-16) (green) at 1 V/s.

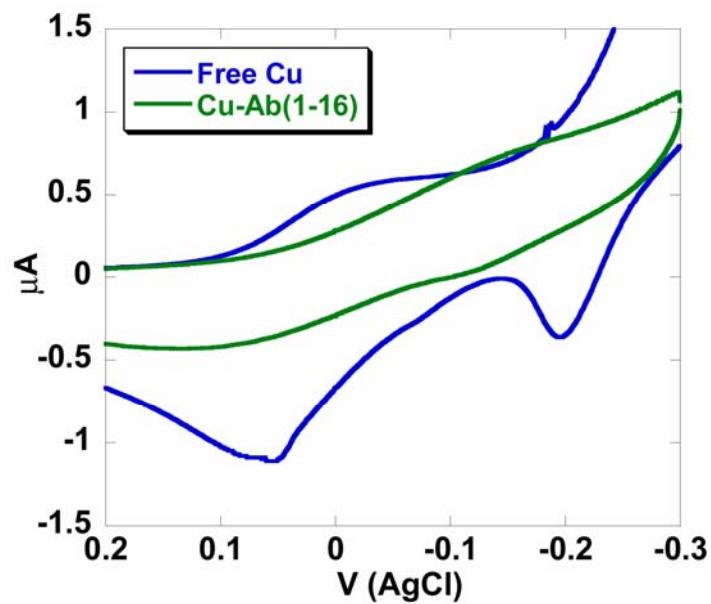


Figure S3. CV of Cu- $\text{A}\beta$ (1-16) in blue and CuSO_4 in black at 20 mV/s.