

Supplemental Information

Title: Nitrite catalyzes ferriheme protein reductive nitrosylation

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Figure S1

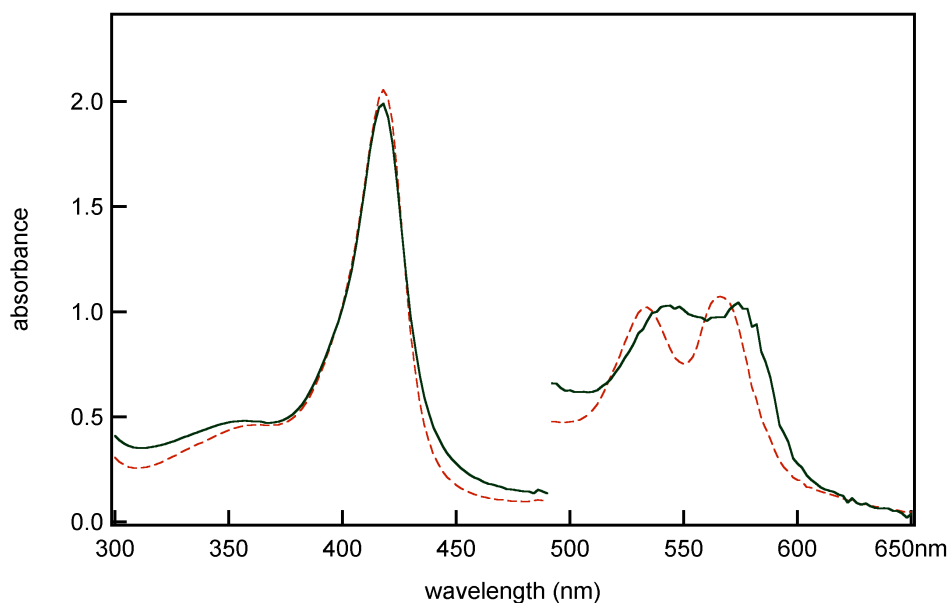


Figure S1. The dashed line represents the first spectrum recorded (after about 3 minutes) after mixing a solution of methHb (7.23×10^{-6} M without any additional NaNO_2 in pH 7.0 $\text{NaH}_2\text{PO}_4/\text{Na}_2\text{HPO}_4$ buffered solution at 298 K ($\square = 0.15$) with NO to give $[\text{NO}] = 1.8$ mM. The solid line represents the final spectrum $[\text{Hb}(\text{NO})]$ after 3000 s reaction time.