

## Supplementary information

# Ferryl Hemoglobin and Heme Induce A<sub>1</sub>-Microglobulin in Hemorrhaged Atherosclerotic Lesions with Inhibitory Function Against Hemoglobin and Lipid Oxidation

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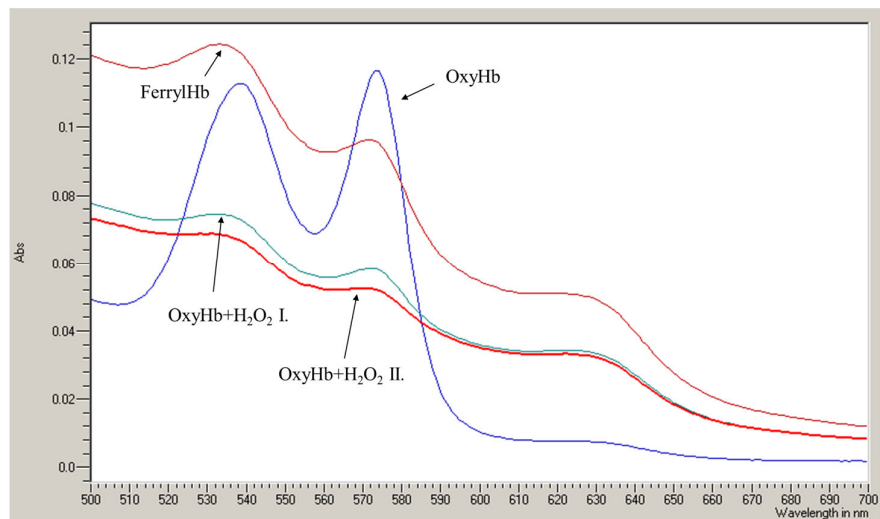
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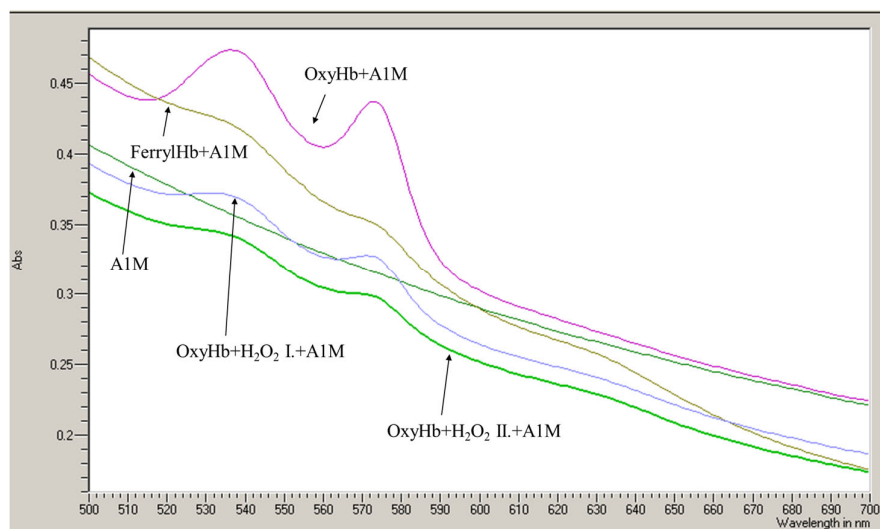
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## Supplementary figure

**A**



**B**



**Supplementary Figure S1.** Absorption characteristics for the different Hb-oxidation states. Purified OxyHb (10  $\mu$ M) was incubated for 3 h at 37°C with a 100 (OxyHb+H<sub>2</sub>O<sub>2</sub> I.) or 200  $\mu$ M (OxyHb+H<sub>2</sub>O<sub>2</sub> II.) of H<sub>2</sub>O<sub>2</sub> in the presence or absence of rA1M (20  $\mu$ M). Absorbance spectra (500-700 nm) of Hbs were taken with a spectrophotometer (Beckman-Coulter, Brea, CA, US) and Hb ratios were calculated as described previously by Winterbourn. **(A)** Reactions of OxyHb with H<sub>2</sub>O<sub>2</sub>. **(B)** Reactions of OxyHb with H<sub>2</sub>O<sub>2</sub> and rA1M.