

Electronic Supplementary Information (ESI)

Ru(EDTA) mediated partial reduction of O₂ by H₂S[†]

Debabrata Chatterjee* Namita Jaiswal and Papyia Sarkar

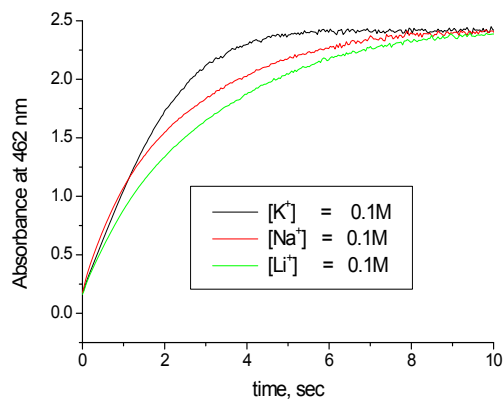


Fig. S1 Effect of alkali cation on the formation of [Ru^{II}(EDTA)(pz)]²⁻ in the reduction of [Ru^{III}(EDTA)(pz)]⁻ (0.2mM) with HS⁻ (2.0 mM) at 25 °C, pH = 8.5 (phosphate buffer).

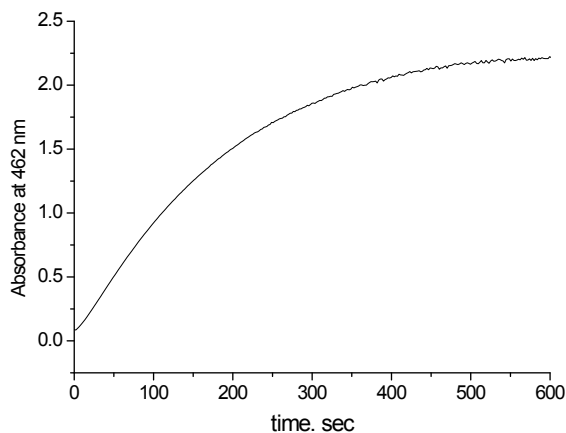


Fig. S2 Kinetic traces for the reaction of [Ru^{III}(EDTA)(pz)]⁻ with H₂S at 25 °C and pH 5.5 (acetate buffer [Ru^{III}] = 0.2 mM, [HS⁻]_T = 2.0 mM).