

Electronic Supplementary Information

Colorimetric Sensing Method for Polyamines utilising Inclusion Complex of Stimuli-responsive Amylose

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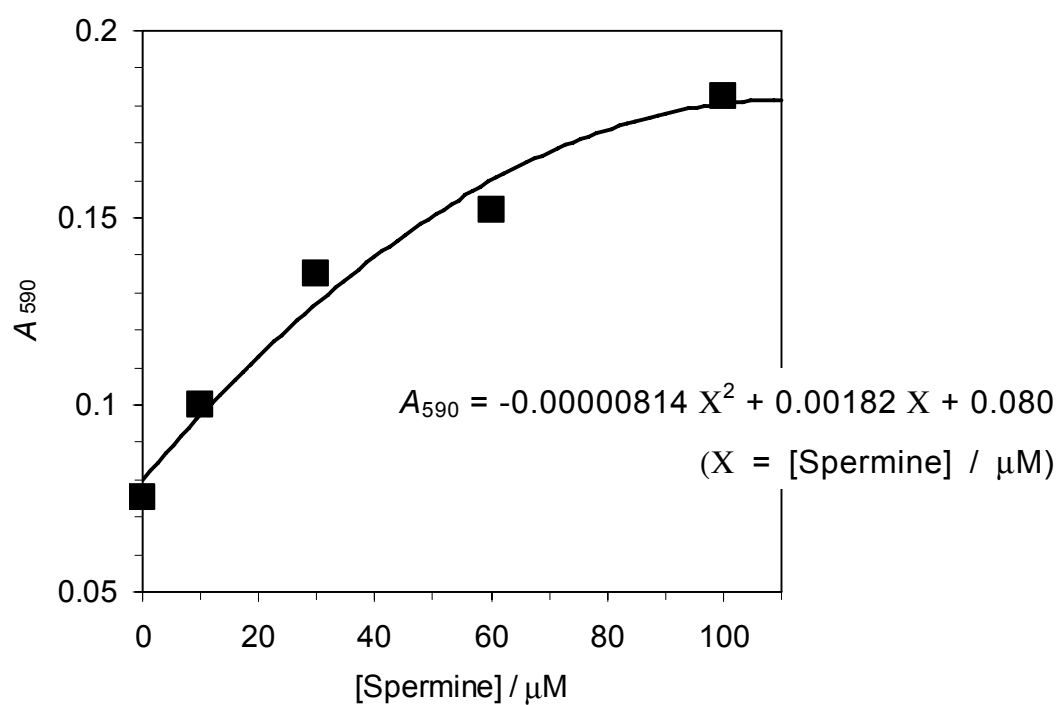


Fig. S1 Dependence of absorption at 590 nm on spermine concentration. Measurement conditions: [Succinylamylose (DS = 0.22)] = 45 mg L^{-1} , $[\text{I}_2]$ = 6 mg L^{-1} , $[\text{KI}]$ = 60 mg L^{-1} , pH = 7.0 (10 mM phosphate), Temp. = 20°C .

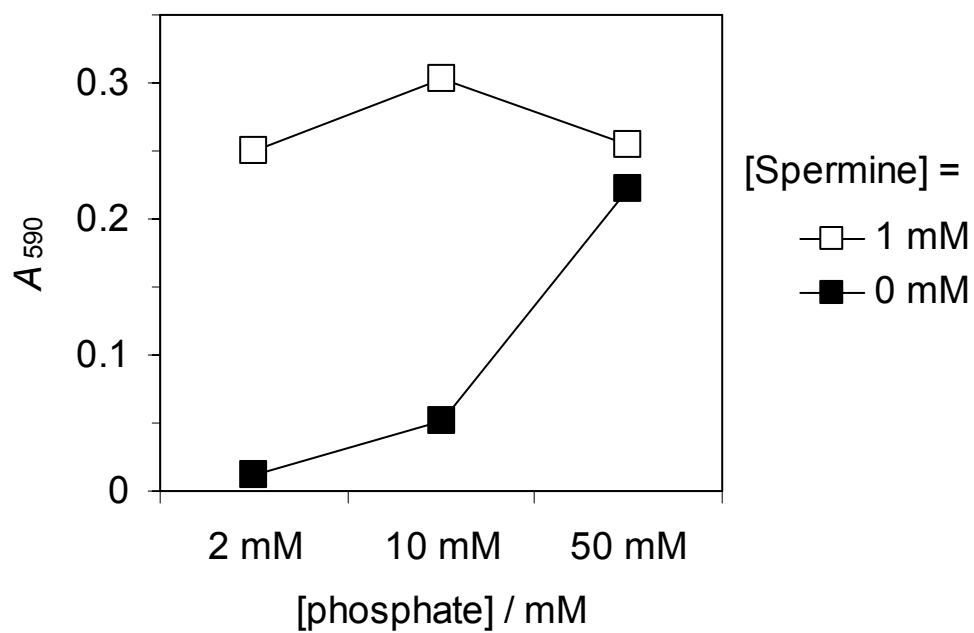


Fig. S2 Effect of phosphate concentration on absorbance at 590 nm. Dependence of absorption at 590 nm on spermine concentration. Measurement conditions: [Succinylamylose (DS = 0.25)] = 45 mg L⁻¹, [I₂] = 6 mg L⁻¹, [KI] = 60 mg L⁻¹, pH = 7.0, Temp. = 20°C.