

Supplementary Information

Oxidative Modifications in Crystallin Proteins and Lens Epithelial Cells Associated with Photosensitized Reactions Mediated by the Major Chromophore Arising from Glucose Degradation

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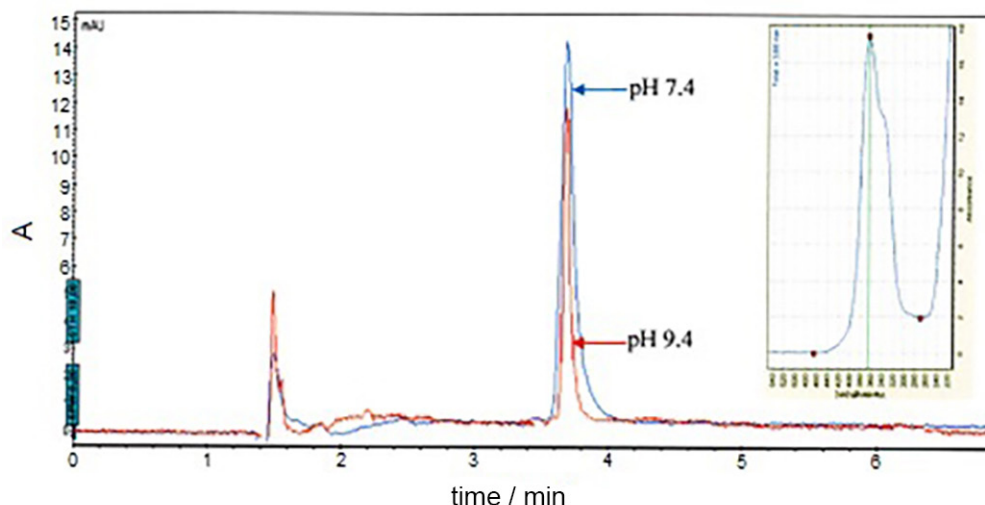


Figure S1. Reverse phase HPLC chromatogram (column C18 reversal phase, Chromolith Performance, 100 × 4.6 mm, Merck) 365 nm absorbance for glucose (30 mmol L⁻¹) samples, incubated for 30 days at 37 °C, pH 7.4 and 9.4. The column was eluted isocratically with phosphate buffer (0.05 mol L⁻¹) pH 7.4, containing 2.5 mmol L⁻¹ tetrabutylammonium tetrafluorborate and 1 mol L⁻¹ EDTA. The inset shows the absorption spectra of the compound eluted at 3.65 min.