

Supporting Information

Synergetic Effect of Sodium Polystyrene Sulfonate and Guanidine Hydrochloride on the Surface Properties of Lysozyme Solutions

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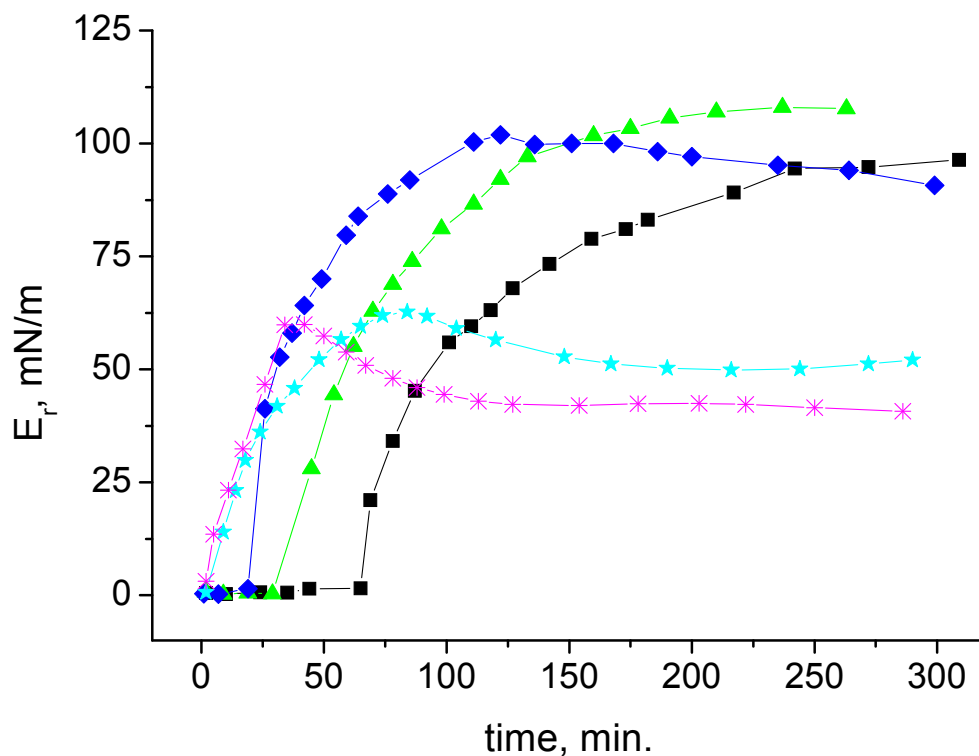


Fig. 1. Kinetic dependences of the dynamic surface elasticity of mixed lysozyme/urea solutions at various urea concentrations: 0 M (black squares), 1 M (green triangles), 2 M (dark blue diamonds), 5 M (blue stars) and 8 M (pink snowflakes).

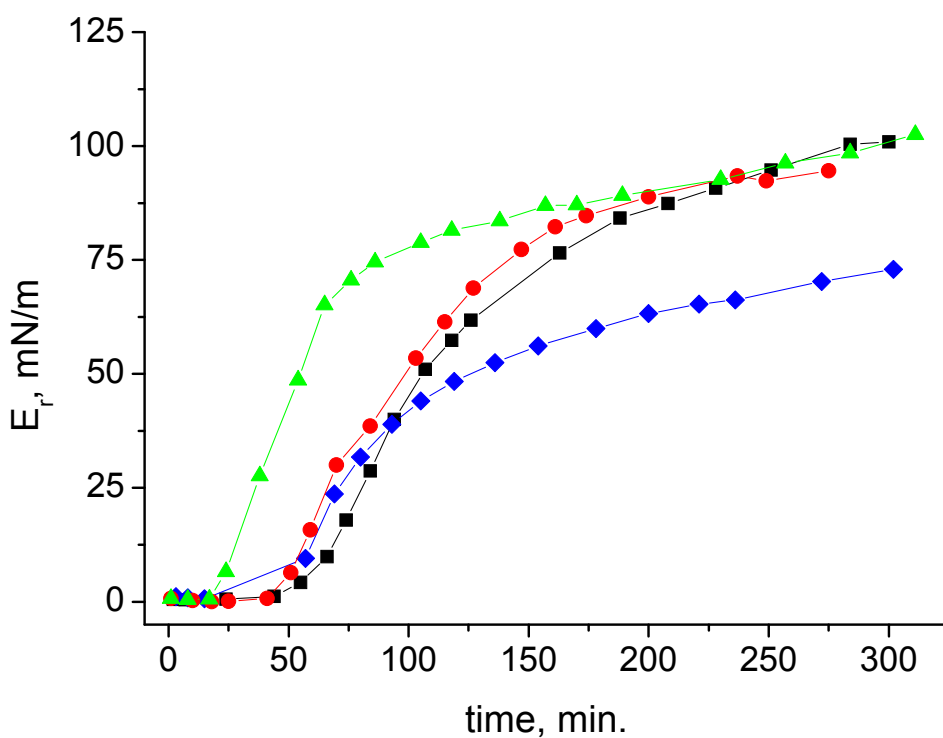


Fig. 2. Kinetic dependences of the dynamic surface elasticity of mixed lysozyme/PSS solutions at high ionic strength ($C_{\text{NaCl}}=0.1$ M) and various polyelectrolyte concentrations: 0 g/L (black squares), $2 \cdot 10^{-5}$ g/l (red circles), $2 \cdot 10^{-4}$ g/l (green triangles), $2 \cdot 10^{-3}$ g/l (dark blue diamonds).

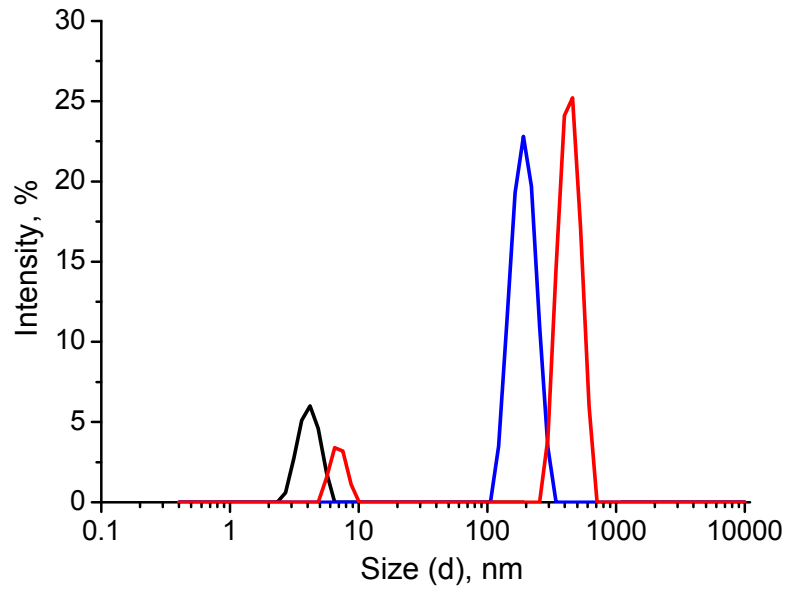


Fig. 3. The dependency of the scattering intensity on the particle size for mixed lysozyme/PSS-GuHCl solutions at various concentrations of polyelectrolyte: 0 g/L (black line), 2×10^{-5} g/l (dark blue line), and 1×10^{-1} g/l (red line).