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Supporting information for article:

Studying solutions at high shear rates – a dedicated microfluidics setup

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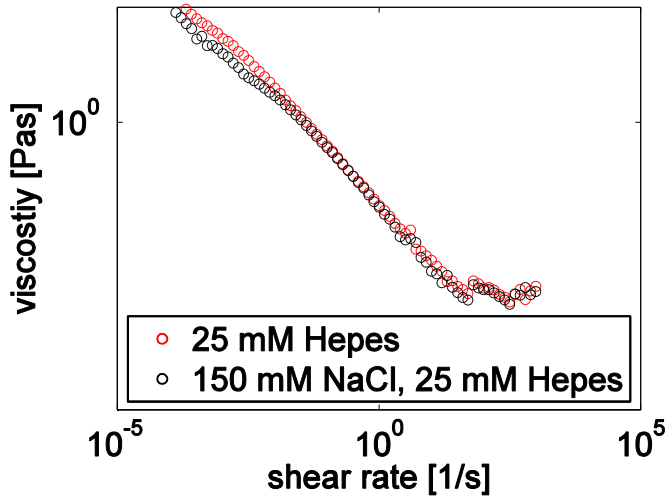

Figure S1 Viscosity of Lysozyme at a concentration of 50mg/ml with the two different buffer compositions.

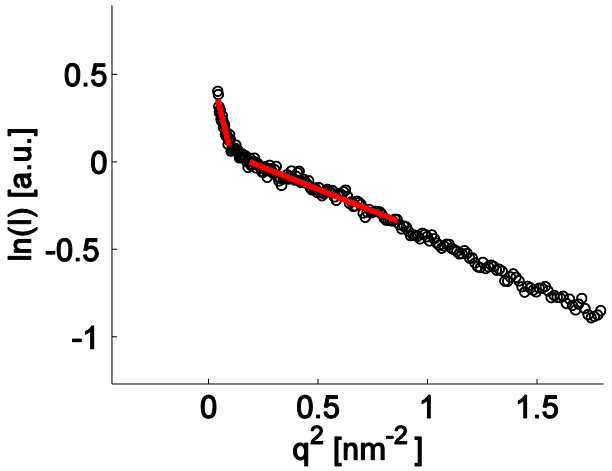

Figure S2 Guinier representation of the scattering data for lysozyme solutions with added salt. The shear rate is 4000 s^{-1}.

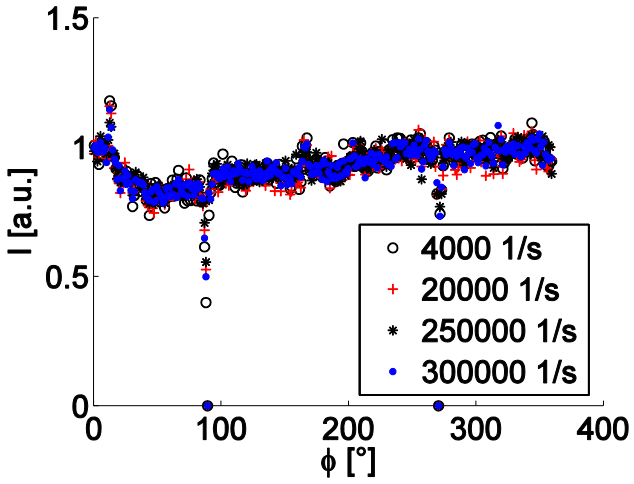

Figure S3 Radial integrated intensity of lysozyme solutions with added salt. No change in the intensity can be seen as function of the shear rate. No orientational order is induced by the shear forces. The change in the intensity can be assigned to the background

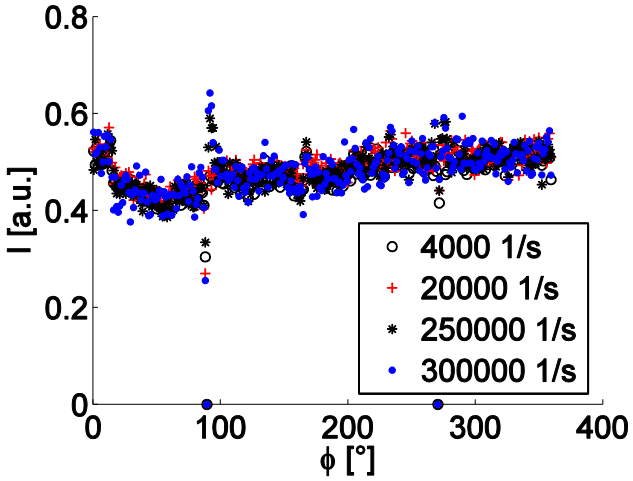

Figure S4 Radial integrated intensity of lysozyme solutions without added salt. No change in the intensity can be seen as function of the shear rate. No orientational order is induced by the shear forces. The change in the intensity can be assigned due to the background.