ELECTRONIC SUPPORTING INFORMATION

Tuning transport phenomena in agarose gels for the control of protein nucleation density and crystal form

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Table S1. The fitting parameters of the exponential law used to fit the experimental data of the nucleation density vs. agarose gel trend. A_N and B_N are the pre-exponential factors and the decay constants, respectively.

Protein	A_N	STD error	B_N	STD error
Proteinase K	1.244	0.083	0.503	0.055
HEWL	1.213	0.133	0.626	0.112
Insulin	1.220	0.080	0.572	0.061

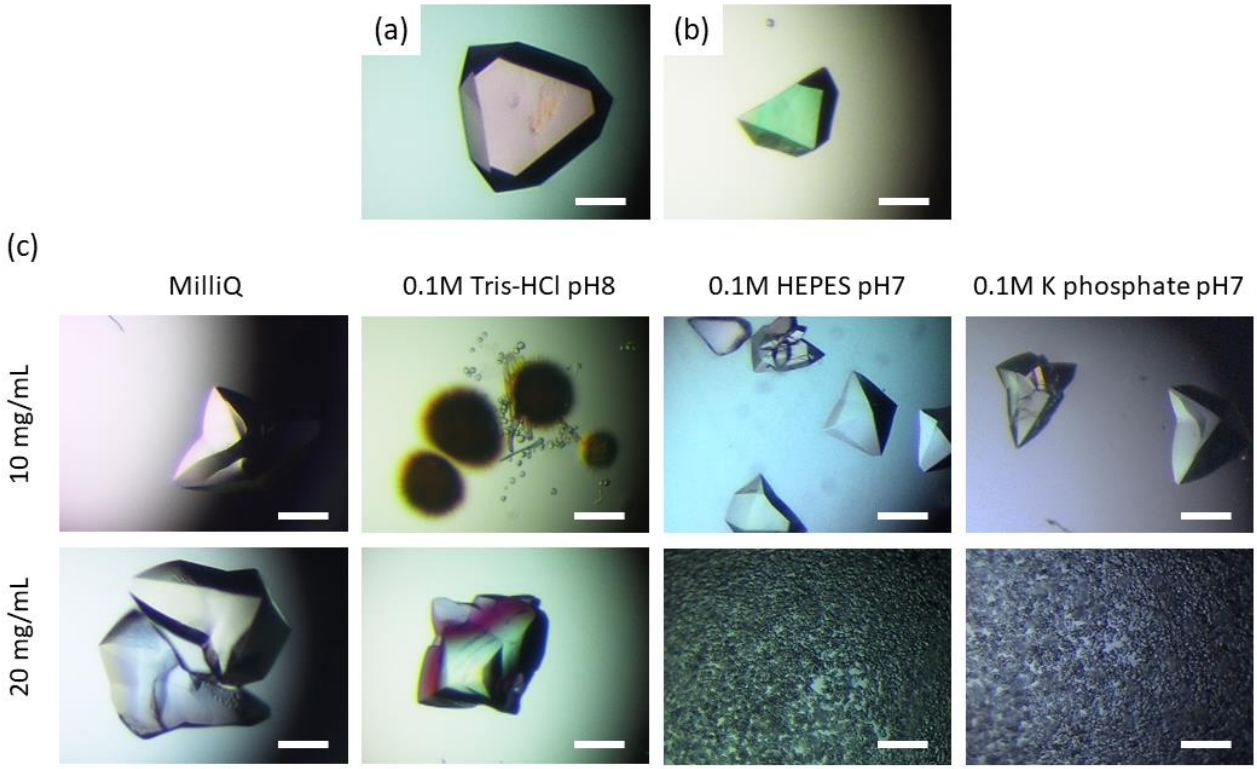

Figure S1. Proteinase K single crystals grown by HDVD crystallization method. (a) Proteinase K initial concentration was 15 mg/mL in 50 mM HEPES pH 7.0, and the precipitant solution consisted of 1 M $NaNO_3$ and 50 mM Na citrate pH 6.5. (b) Proteinase K initial concentration was 20 mg/mL in 50 mM HEPES pH 7.0, the precipitation cocktail was 1.2 M $(NH_4)_2SO_4$ in 0.1 M Tris-HCl pH 8.0. (c) Screening of proteinase K crystallization in presence of different buffers. Proteinase K concentration before mixing was 10 or 20 mg/mL. The protein to precipitant ratio was 1 for every condition. The scale bar correspond to 250 μm.