



Figure S1: Influence of glycerol percentage on protein focusing in CIEF

Electrolyte de séparation : ampholytes 3%(v/v) in a mixture water/glycerol : (A) 100 :0, (B) 85 :15, (C) 70 :30 (D) 55 :45 (v/v). Anolyte : H_3PO_4 20 mM in water/glycerol A) 100 :0, B) 85 :15, C) 70 :30 et D) 55 :45 (v/v), catholyte : NaOH 20 mM. Focusing : 10 kV /20 min. Hydrodynamic mobilisation: P = (A) 10, (B) 16, (C) 27, (D) 50 mbars at 10 kV. UV detection at 415 nm.

Gelatin % (M/w)	Contact angle	RSD (n=3)
0.1	47.1	1.2
0.2	47.7	0.5
0.5	48.2	0.8
1	48.8	0.8

Table S1: Influence of coating solution (gelatin %) on PDMS hydrophobicity
 Coating time 1 hour

Coating time (h)	Contact angle	RSD (n=3)
0	59.4	2.4
0.5	46.1	1.1
1	45.3	1.4
2.5	43.0	0.5
4.5	45.0	2.1
5	47.5	0.4
6	47.9	0.3

Table S2: Influence of coating time on PDMS hydrophobicity.
Coating solution: gelatin 0.5% (w/v) in water