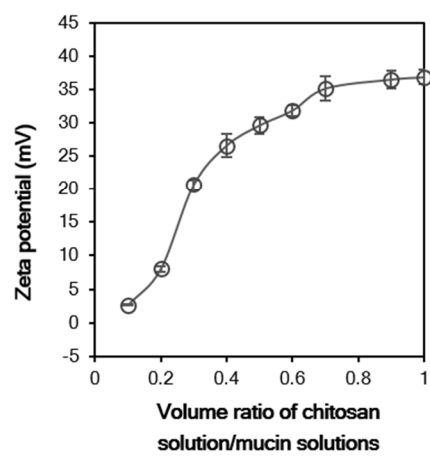
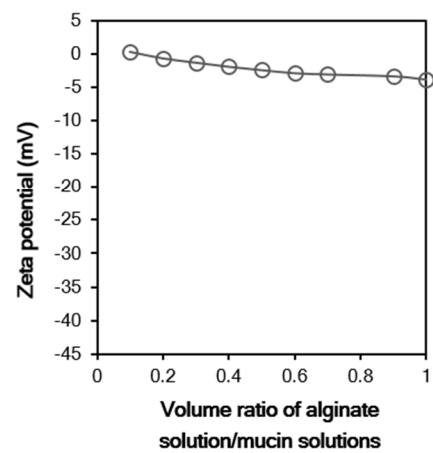


(a)



(b)



**Figure S1.** Surface charge change of mucin particles in the solutions of (a) chitosan and (b) alginate.