Supporting Information

Electrospun Weak Anion-exchange Fibrous Membranes for Protein Purification

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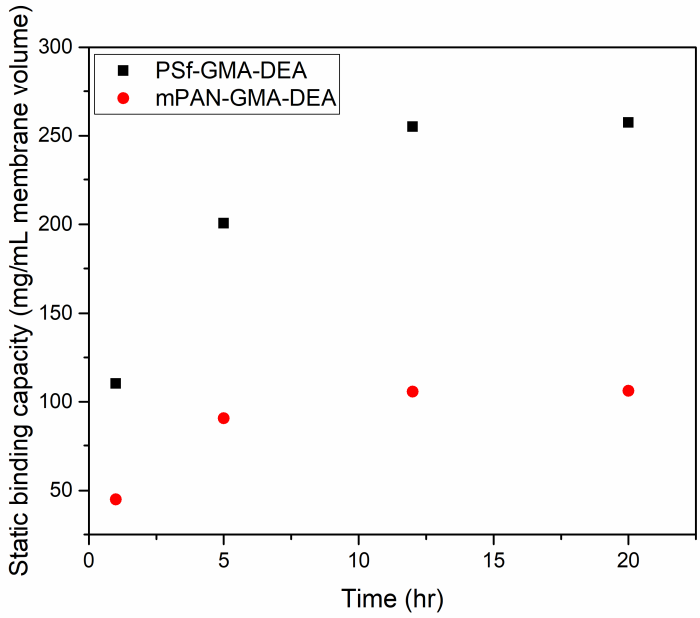

Figure 1. BSA static binding capacities at different equilibrium times for both surface modified electrospun PSf-GMA-DEA (7 min UV polymerization time) membrane and mPAN-GMA-DEA (15 min UV polymerization time) membrane. For both membranes, four pieces of membranes were soaked in 4 beakers separately containing 3 mg/mL BSA in 20 mM Tris buffer at pH 7.0. The equilibration process was conducted at room temperature under gentle shaking. Protein binding capacities were measured after 1, 5, 12, 20 h of equilibration from 4 beakers respectively.