

Supporting Information

Antibody-conjugated electrospun nanofibers for electrochemical detection of methamphetamine

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Table S1. Preparation conditions of PVDF-PEI electrospun nanofibers using various concentrations of PVDF and PEI solutions.

PVDF (%)	Solvents for PVDF	PEI (%)	Solvent for PEI	Ratio of PVDF:PEI (v:v)	Parameters for electrospinning (Applied potential; Flow rate; Distance from needle to target)
10	DMF:Ac (2:8; v:v)	10	DMF	9:1	15 kV; 1.8 mL/h; 12 cm
10	DMF:Ac (2:8; v:v)	15	DMF	9:1	16 kV; 1.8 mL/h; 13 cm
15	DMF:Ac (2:8; v:v)	10	DMF	9:1	18 kV; 2.0 mL/h; 12 cm
15	DMF:Ac (2:8; v:v)	15	DMF	9:1	18 kV; 2.0 mL/h; 12 cm
15	DMF:Ac (2:8; v:v)	20	DMF	9:1	17 kV; 2.0 mL/h; 15 cm
20	DMF:Ac (2:8; v:v)	15	DMF	9:1	17 kV; 2.0 mL/h; 15 cm
20	DMF:Ac (2:8; v:v)	20	DMF	9:1	16 kV; 2.0 mL/h; 13 cm