

Supporting information

Highly sensitive electrochemical aptasensor for thrombin detection using functionalized mesoporous silica@multiwalled carbon nanotubes as signal tags and DNAzyme signal amplification

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Table S1. Comparisons of proposed aptasensor with other detection methods for thrombin analysis

Analytical method	Linear range (nM)	Detection limit	Ref.
DPV	0.001~30	0.39 pM	1
DPV	0.001~0.1	1 pM	2
DPV	6~60	3 nM	3
DPV	0.001~50	0.5 pM	4
DPV	0.05~40	3 pM	5
DPV	0.8~15	0.2 nM	6
DPV	0.1~5	0.06 nM	7
DPV	0.0001~80	0.05 pM	This work

Abbreviation: differential pulse voltammetry (DPV)

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