Supporting Information for

Thin Membrane-Based Potentiometric Sensors for Sensitive Detection of Polyions

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Figure S1. The membranes with different thicknesses observed by using a microscope after the membranes were stained with methylene blue: (a) 150 μm, (b) 40 μm, (c) 20 μm and (d) 5 μm.
Figure S2. Potential responses of the 3-μm membrane PSE to protamine in Tris buffer.
Figure S3. Effect of the plasticizer on the potential response of the thin membrane potentiometric sensor to 0.8 μg/mL protamine. Each error bar represents one standard deviation for three measurements.
Figure S4. Influence of stirring rate on the potentiometric response of the thin membrane PSE to 0.8 μg/mL protamine. Each error bar represents one standard deviation for three measurements.
**Figure S5.** Potential responses of the classical thick-membrane PSE to protamine in Tris buffer. The potential value at 5 min was used for the quantification.