

Supporting Information

BAPTA-based potentiometric polymer sensor: Towards sensing inflammations and infections

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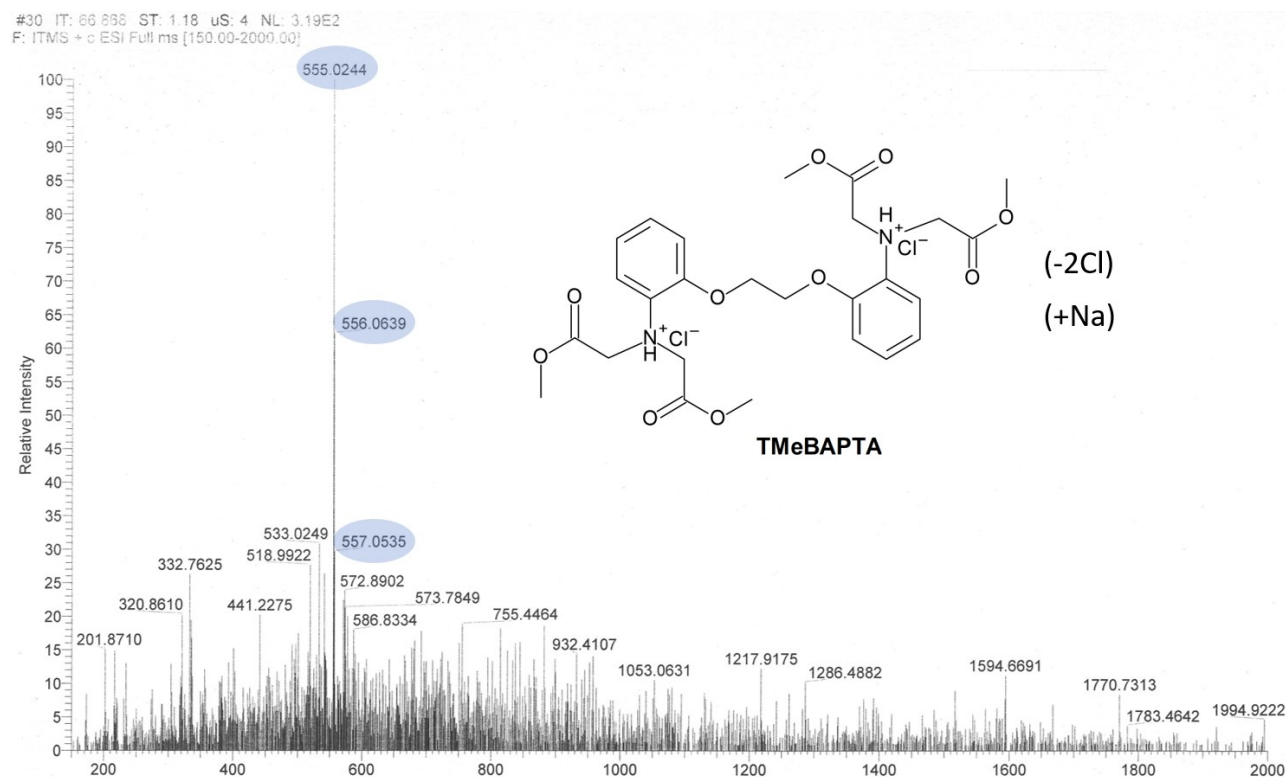


Figure S1. MS spectrum of TMeBAPTA·2HCl.

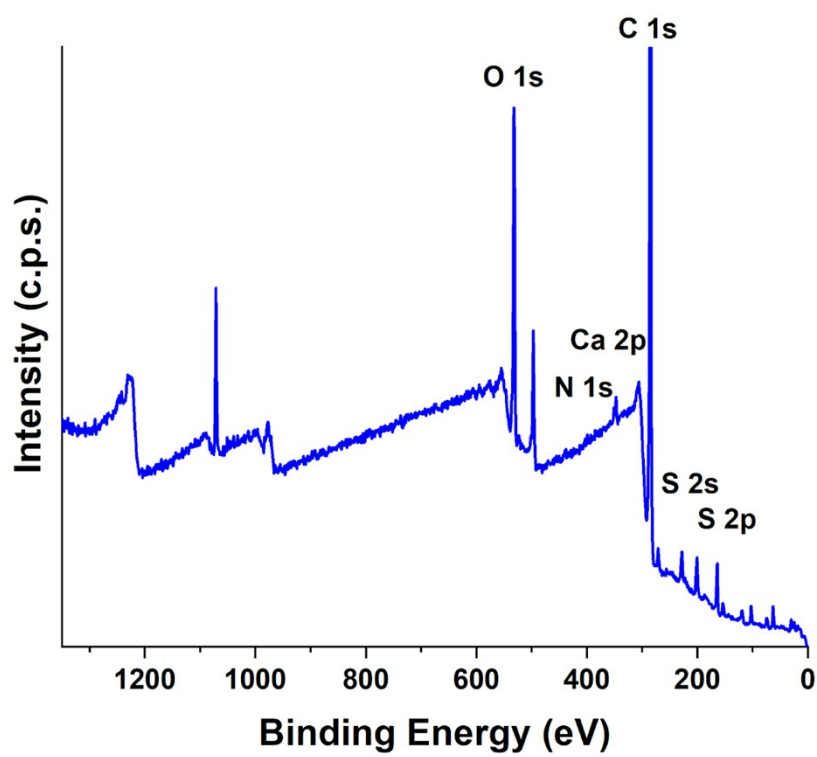


Figure S2. Survey XPS spectrum of PBT/BAPTA film after immobilization of Ca^{2+} ions.

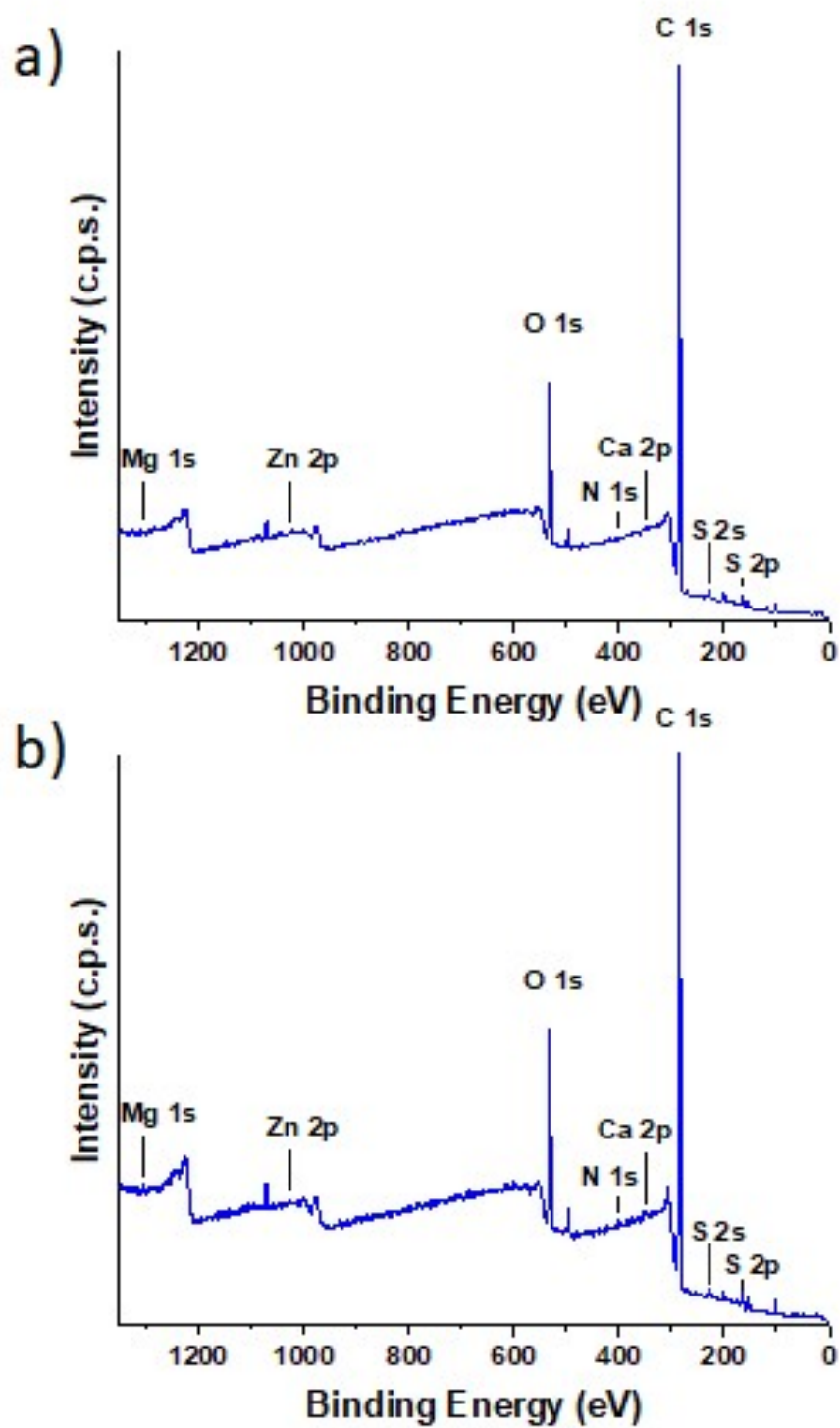


Figure S3. Survey XPS spectrum of PBT/BAPTA film after immobilization of Ca^{2+} ions in the presence of interfering ions Mg^{2+} and Zn^{2+} .

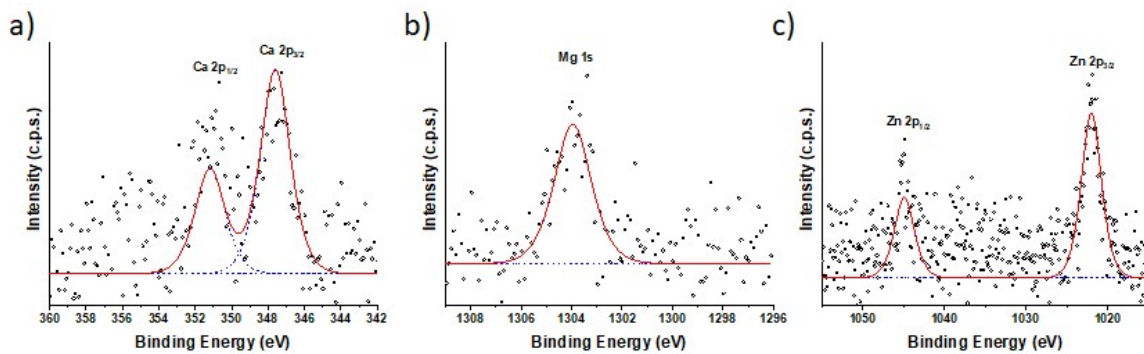


Figure S4. High-resolution of a) Ca 2p, b) Mg 2p, and c) Zn 2p XPS spectra of PBT/BAPTA film after immobilization of Ca²⁺ ions in the presence of interfering ions Mg²⁺ and Zn²⁺.