

Magnetic Quantitative Analysis for Multiplex Glycoprotein with Polymer-Based Elemental Tags

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Supplemental materials

Fig. S1. ^1H NMR spectroscopy of the synthesized polymer in D_2O .

Fig. S2. Effect of molar ratio between PAA and antibody.

Fig. S3. Comparison of PAA and DTPA-based methods used to label the same amount protein under respective optimized condition.

Fig. S4. Effect of blocking time. Sample volume: 200 μL ; Concentration of HP, HPX, OVA: 10 ng mL^{-1} ; blocking buffer: 50 μL

Fig. S5. Effect of sample volume on the signal intensity of metal ions. Concentration of HP, HPX, OVA: 10 ng mL^{-1} ; blocking buffer: 50 μL

Fig. S6. Effect of eluent volume on the signal intensity of metal ions. Each time 15 μL , sample volume: 200 μL ; Concentration of HP, HPX, OVA: 10 ng mL^{-1} ; blocking buffer: 50 μL

Fig. S1

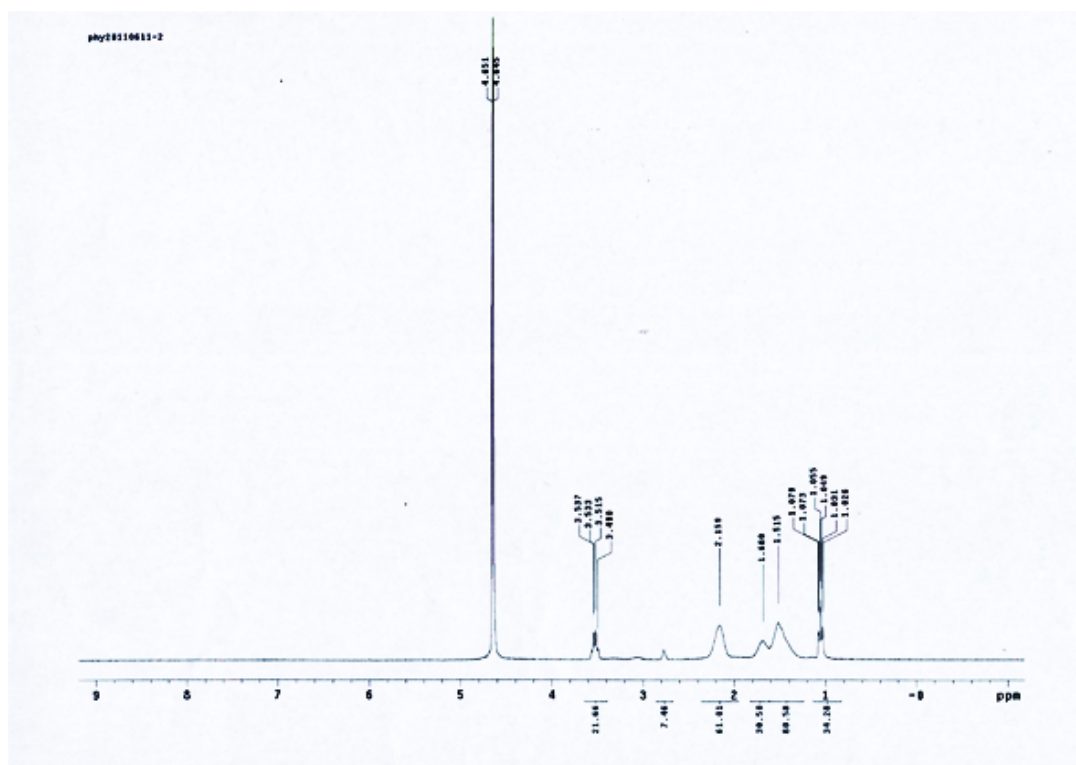


Fig. S2

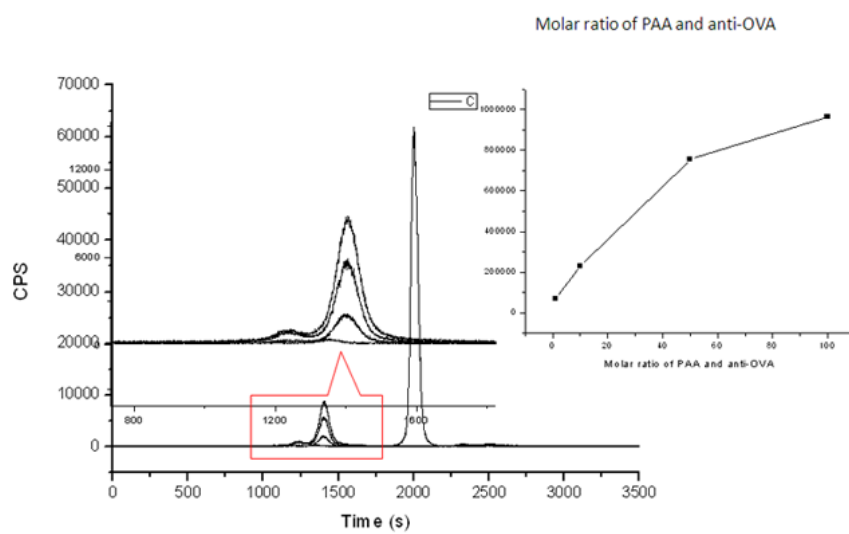


Fig. S3

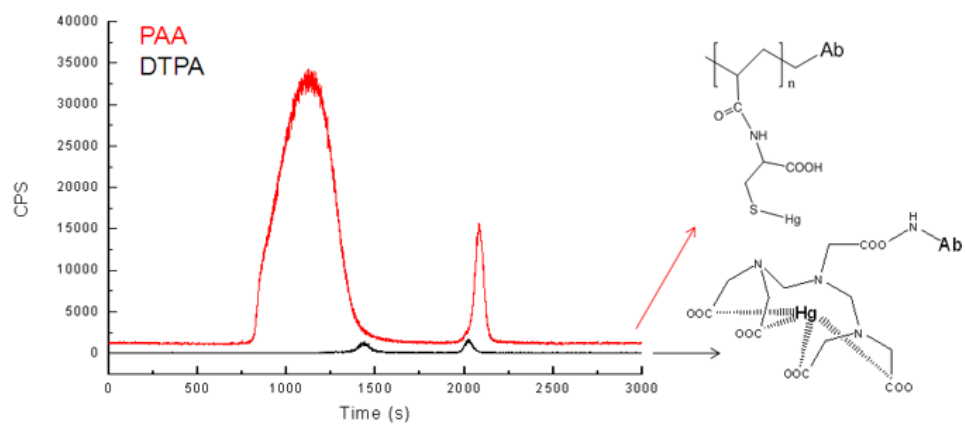


Fig. S4

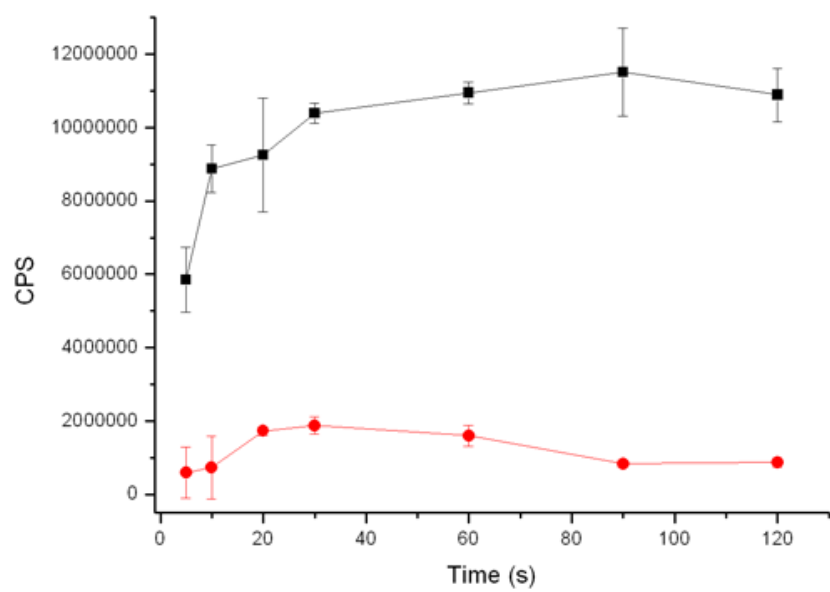


Fig. S5

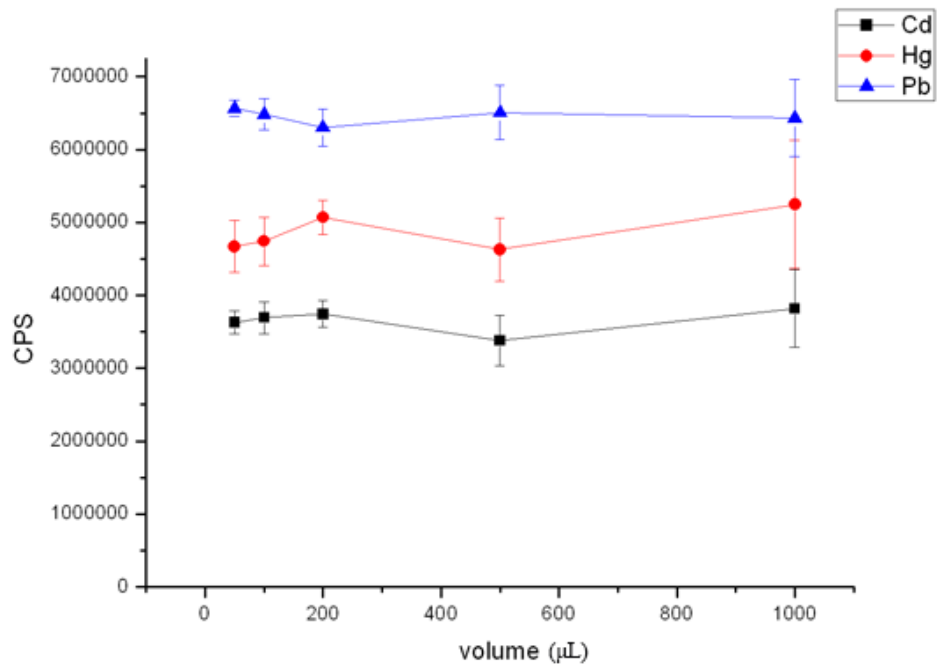


Fig. S6

