

Supporting Information for

Branched polyethyleneimine-assisted boronic acid-functionalized magnetic nanoparticles for the selective enrichment of trace glycoproteins

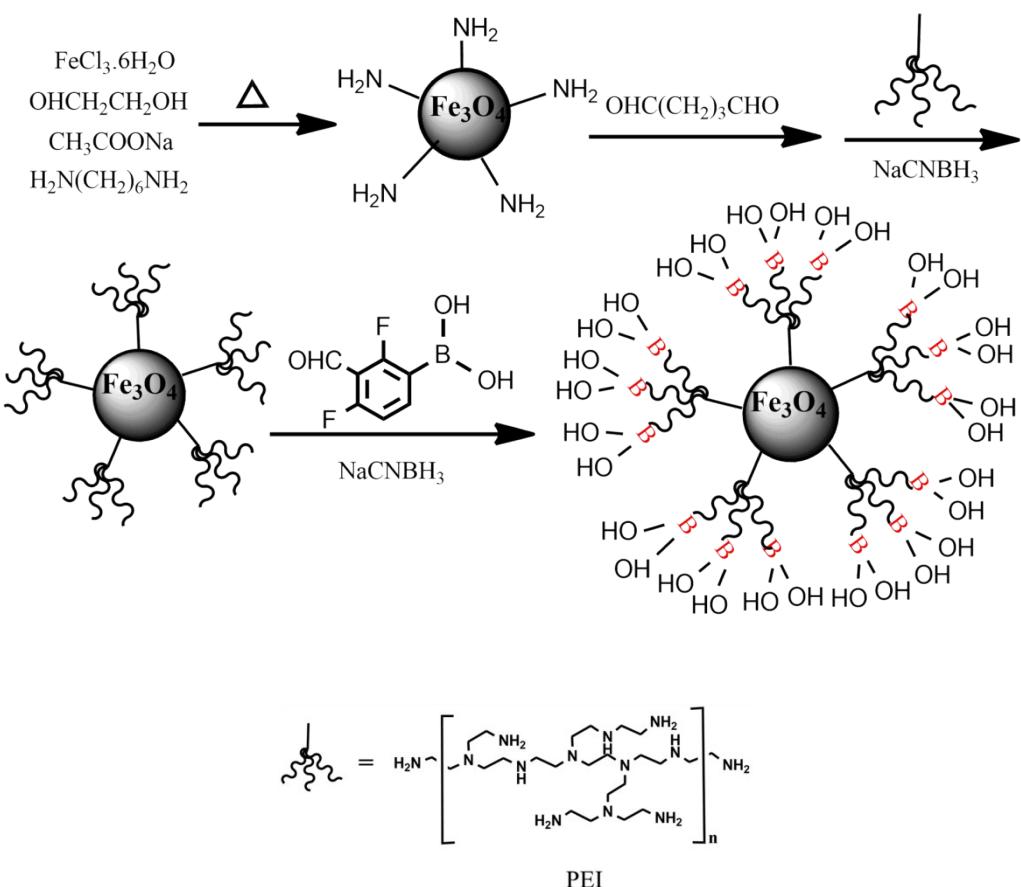
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Supporting Figures

A



B

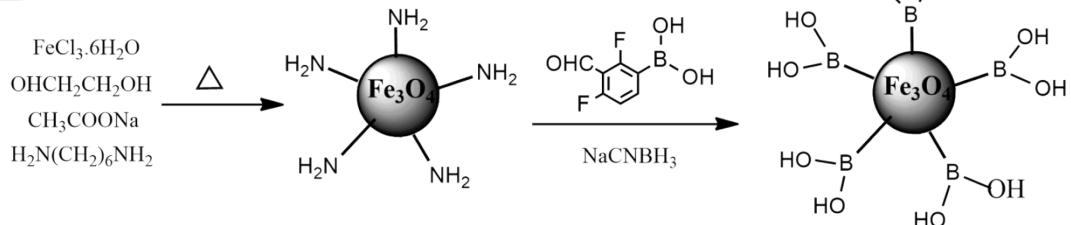


Fig. S1 Synthesis routes of PEIPBA-MNPs (A) and PBA-MNPs (B).

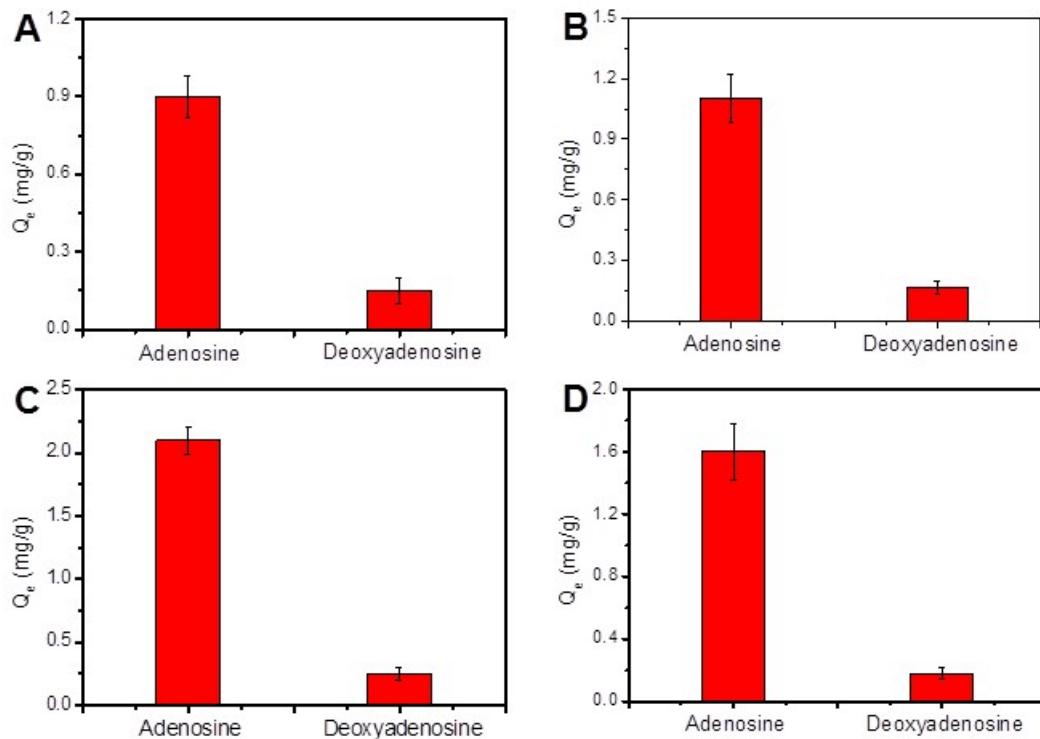


Fig. S2 Comparison of the amount of different samples captured by PEIPBA-MNPs (PEI 600 (A), PEI 1800 (B), PEI 10000 (C), and PEI 70,000 (D)). Binding buffer: 50 mM sodium phosphate buffer containing 300 mM sodium chloride (pH 7.4); elution solution: 100 mM HAc (pH 2.7); samples: 1 mg/mL adenosine or deoxyadenosine.

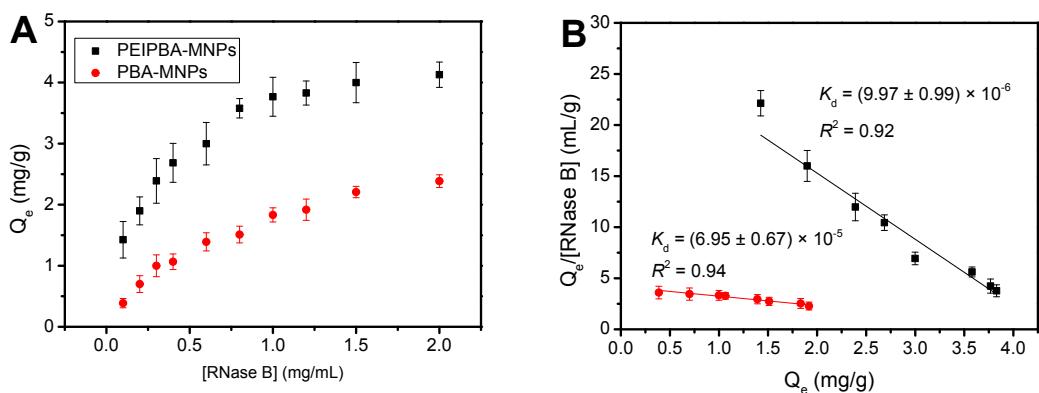


Fig. S3 Binding isotherms (A) and Scatchard plots (B) for the binding of PEIPBA-MNPs and PBA-MNPs with RNase B.

