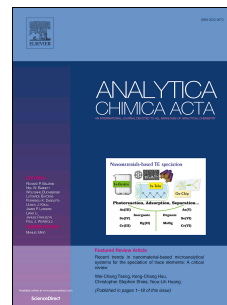


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Amplified fluorescence detection of serum prostate specific antigen based on metal-dependent DNAzyme assistant nanomachine

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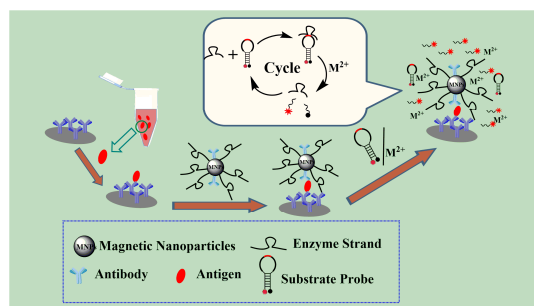
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## Graphical Abstract



An amplified fluorescence biosensing strategy for serum prostate specific antigen (PSA) was developed on the basis of  $Zn^{2+}$ -dependent DNAzyme as the catalytic unit for the cleavage of hairpin substrate probe.

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