Supporting Information

G-Quadruplex-based DNAzyme for colorimetric detection of cocaine: Using magnetic nanoparticles as separation and amplification element

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Table S1 DNA sequences used**.**

DNAs used	
C1-AG4	**5'-TGGGTAGGGCGGGTTGGGAAATTCGTTCTTCAATGAAGTGGGACGACA-3'**
SH-C2	**5'-TTTTTGGGAGTCAAGAACGAA-3'**

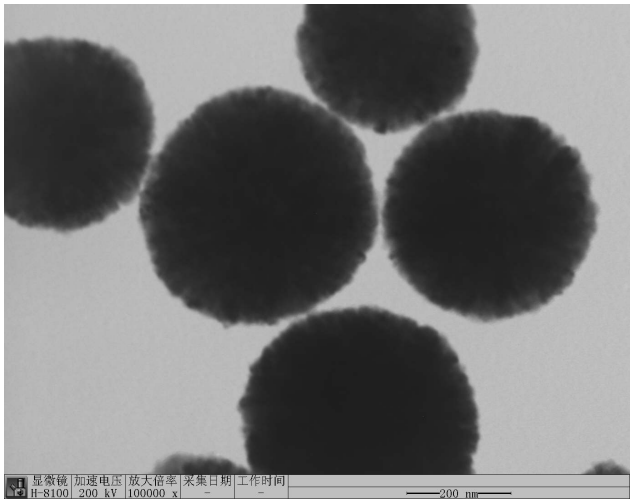

Figure S1 TEM image of amine-functionalized Fe_3O_4 nanoparticles (MNPs-NH_2), which had a relatively smooth surface and an average diameter of about 400 nm. The prepared MNPs-NH_2 also showed a good monodispersity in water solution.