Supporting Information

Double strand DNA-templated copper nanoclusters as a novel fluorescent probe for label-free detection of rutin

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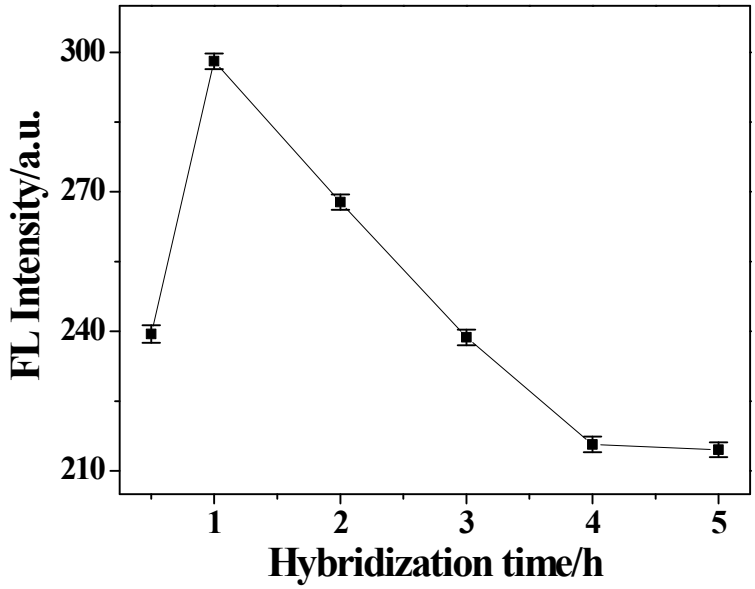

Fig. S1 Effect of hybridization time of DNA1 and DNA2 on the fluorescent intensity of dsDNA-CuNCs probe.

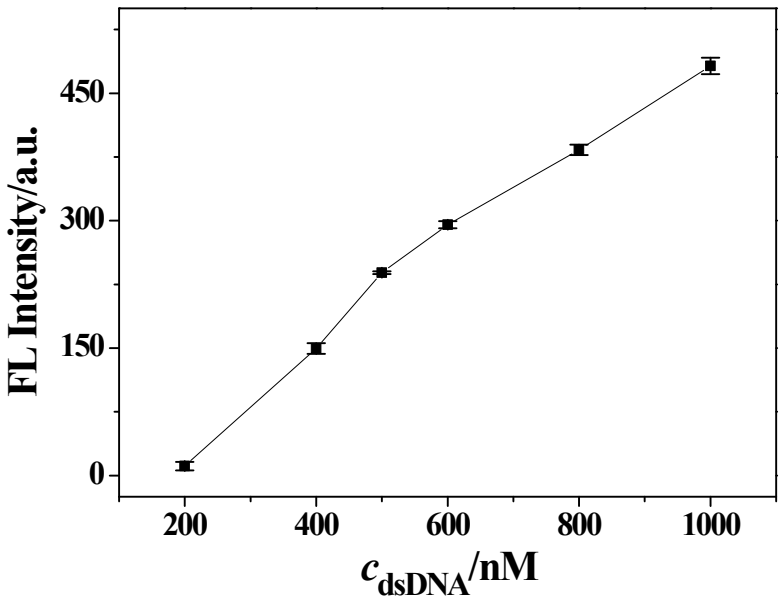

Fig. S2 Effect of dsDNA concentration on the fluorescent intensity of dsDNA-CuNCs probe.

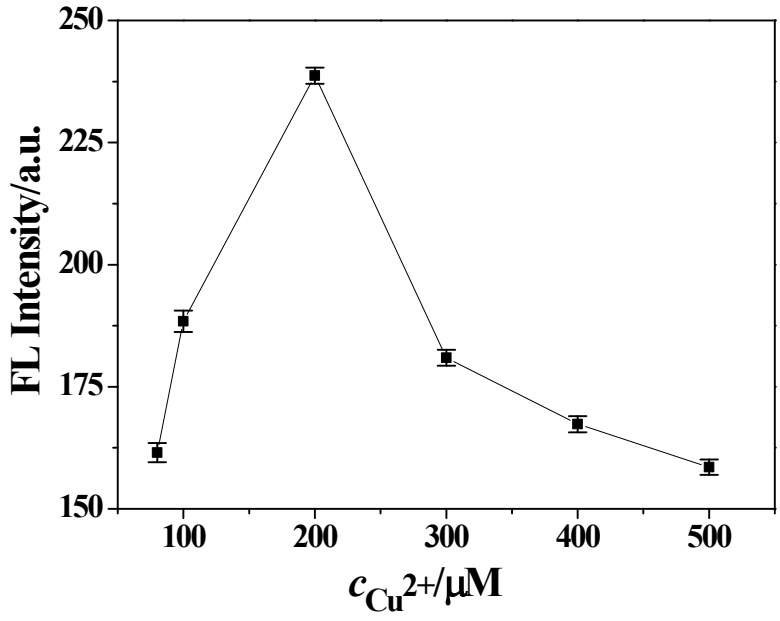

Fig. S3 Effect of Cu^{2+} concentration on the fluorescent intensity of dsDNA-CuNCs probe.

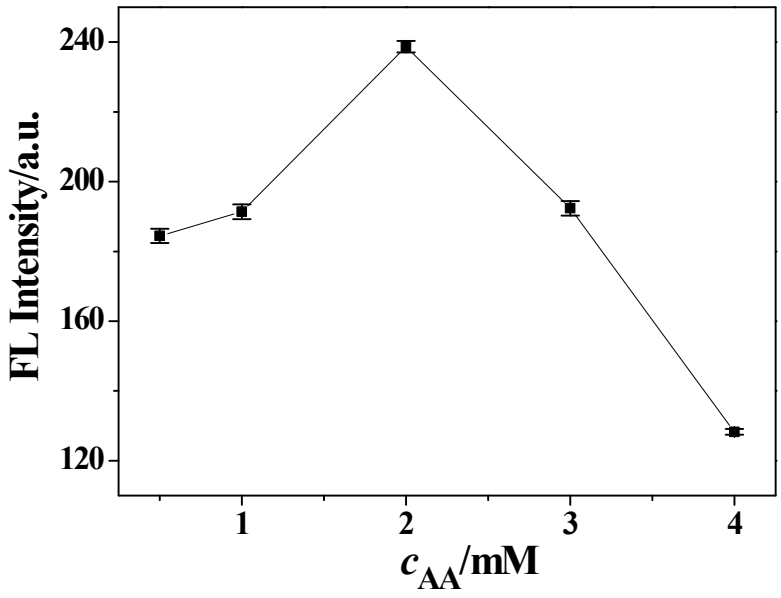

Fig. S4 Effect AA concentration on the fluorescent intensity of dsDNA-CuNCs probe.

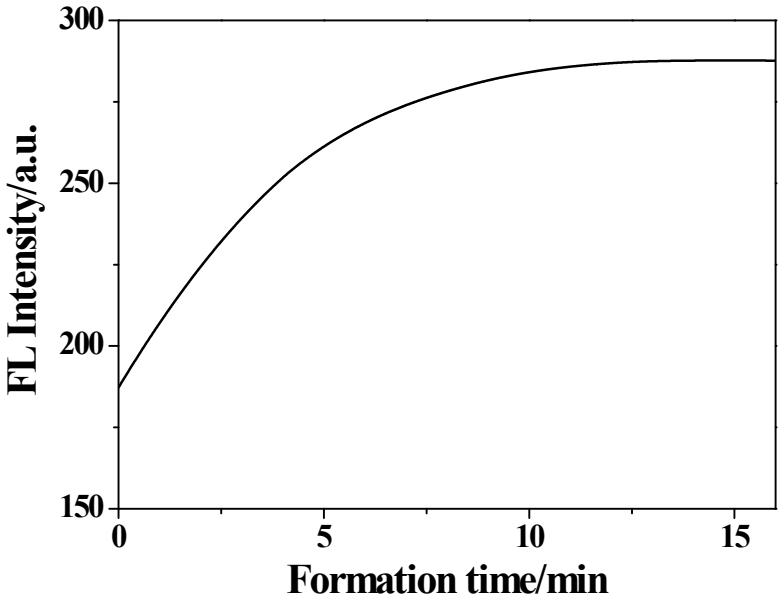

Fig. S5 Effect of formation time of dsDNA-CuNCs on the fluorescent intensity of dsDNA-CuNCs probe.

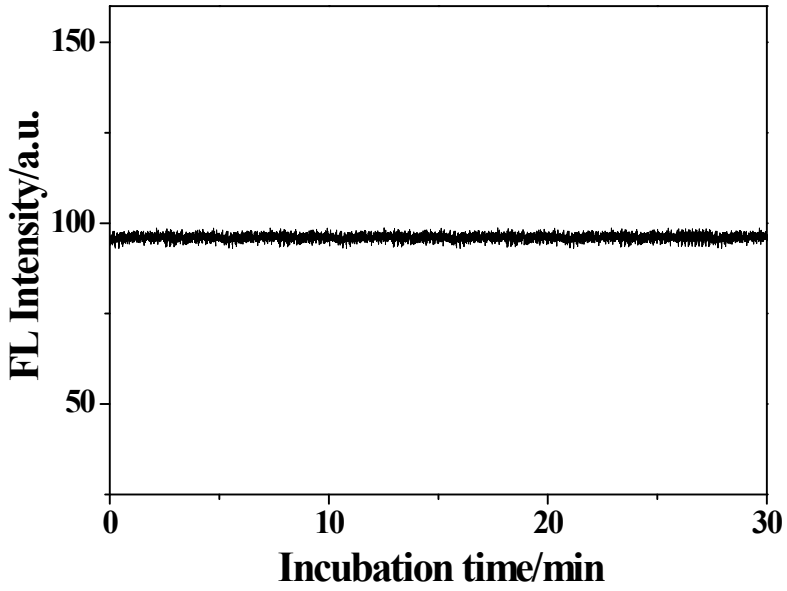

Fig. S6 Effect of incubation time of rutin and dsDNA-CuNCs on the fluorescent intensity of dsDNA-CuNCs probe.