

Supplementary Information

An efficient fluorescent nano-sensor of N-doped carbon dots for the determination of 2,4,6-trinitrophenol and other applications

Captions to support figures

Fig. S1. Effect of (A) storage time, (B) pH and (C) NaCl concentration on the fluorescence intensity of the CDs. $C_{\text{CDs}} = 0.40 \text{ mg/mL}$

Fig. S2. Effect of (A) pH and (B) reaction time on the fluorescence intensity of the CDs/TNP. $C_{\text{CDs}} = 0.40 \text{ mg/mL}$, $C_{\text{TNP}} = 40 \text{ }\mu\text{mol/L}$

Fig. S3. Cell viability test of HepG2 cells incubated with different concentration of CDs solution (mean% \pm SD, n=6)

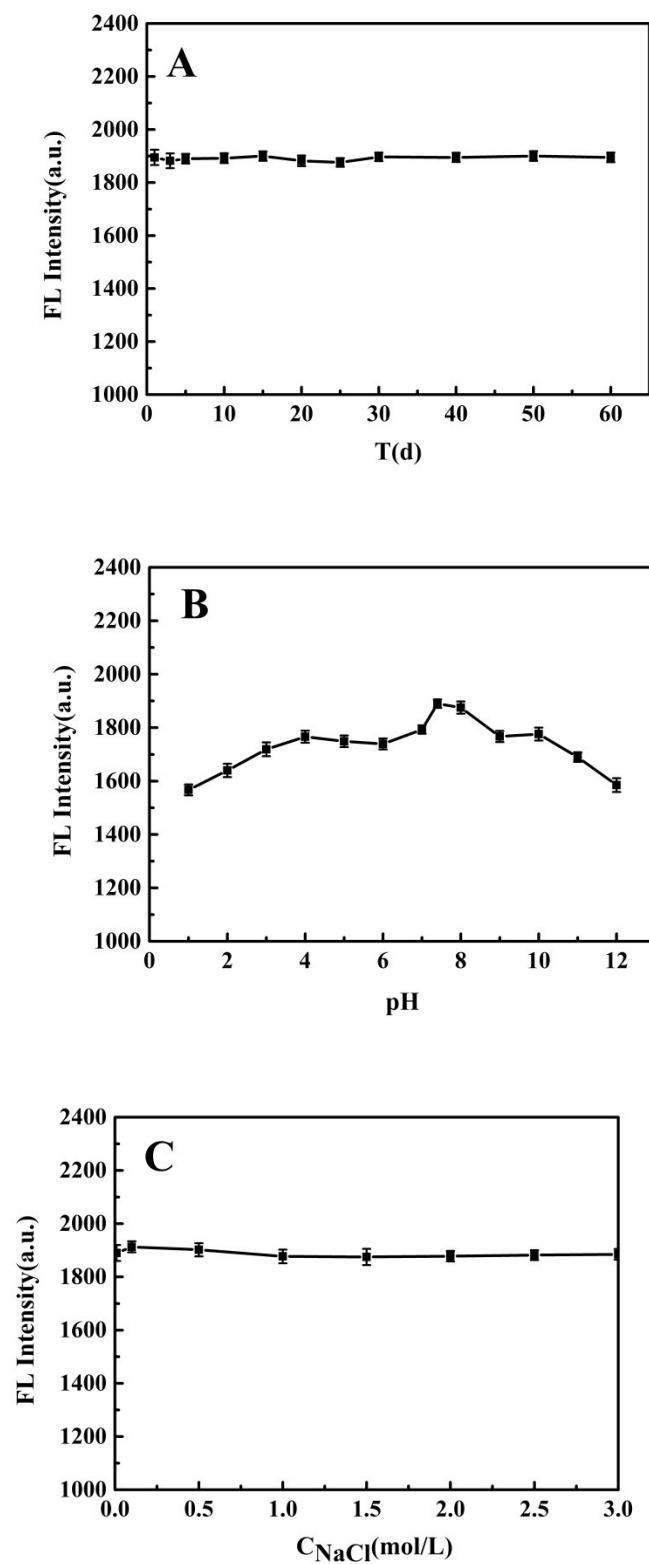


Figure S1

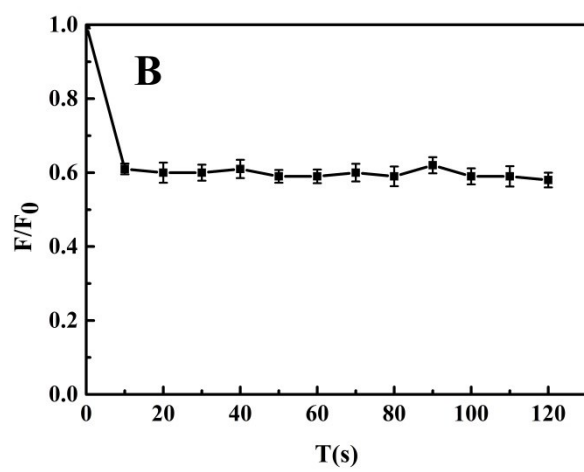
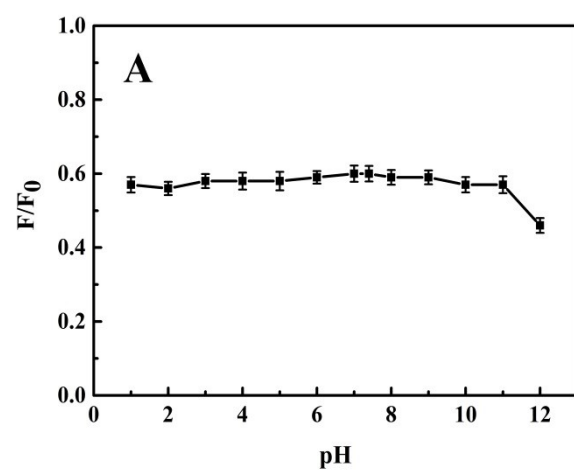


Figure S2

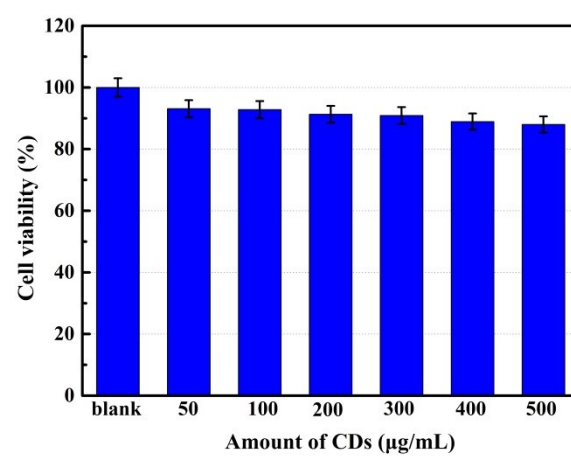


Figure S3