

Supplementary Material

Smartphone-Enabled Fluorescence and Colorimetric Platform for the On-Site Detection of Hg²⁺ and Cl⁻ Based on the Au/Cu/Ti₃C₂ Nanosheets

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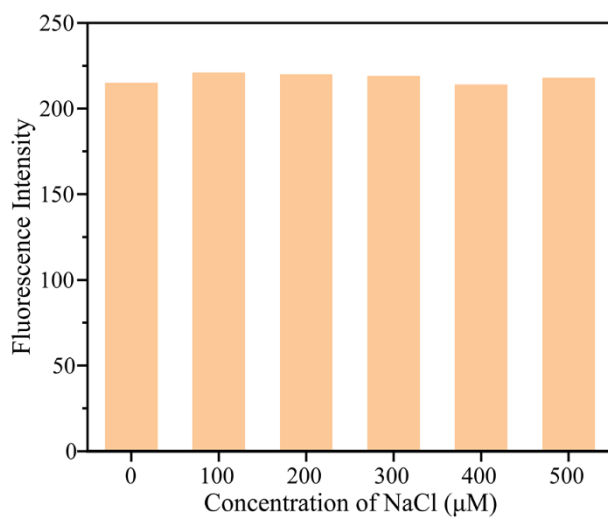


Figure S1. The influence of Cl^- concentration on the detection of mercury ions. ($n = 3$, the concentration of Hg^{2+} is 40 nM).

Table S1. Analytical results for detection of Cl^- in real samples ($n = 3$)

Sample	Spiked (μM)	Found (μM)	Recovery (%)	RSD (%)
Shahu Lake	20	18.97	94.85	2.8
	80	76.83	96.04	5.0
	150	148.3	98.87	4.3
East Lake	20	21.32	106.6	3.4
	80	83.44	104.3	3.6
	150	154.3	102.9	3.5
Yangtze River	20	18.05	90.25	4.1
	80	77.88	97.35	3.3
	150	143.6	95.73	4.3