

Supplementary Materials: A Rapid *In Situ* Colorimetric Assay for Cobalt Detection by the Naked Eye

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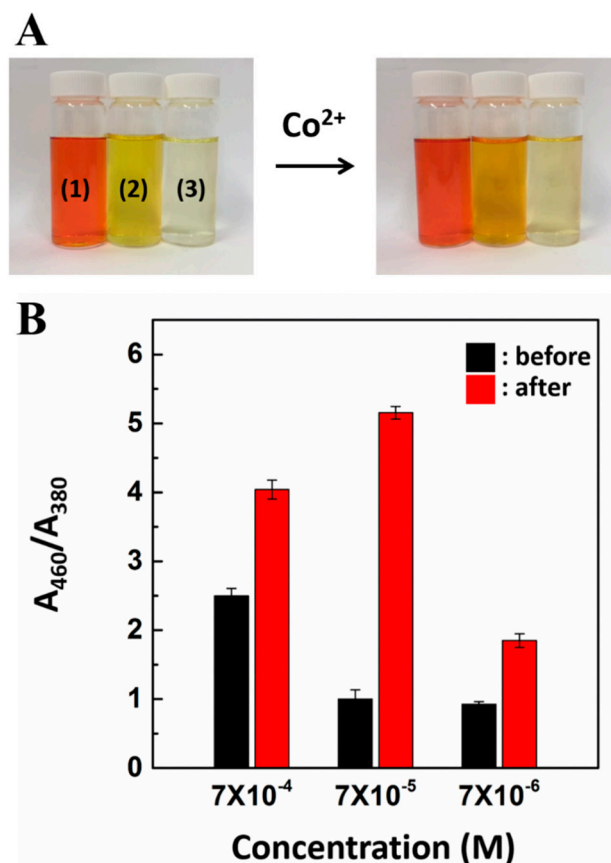


Figure S1. (A) The effect of initial CG chemosensor concentration for detection of cobalt. The concentrations of CG chemosensor were (1) 7×10^{-4} M, (2) 7×10^{-5} M, and (3) 7×10^{-6} M, respectively; (B) The difference of UV-Vis absorbance ratio to compare before with after reaction. The concentration of cobalt is 2 ppm. Each experiment was performed three times.

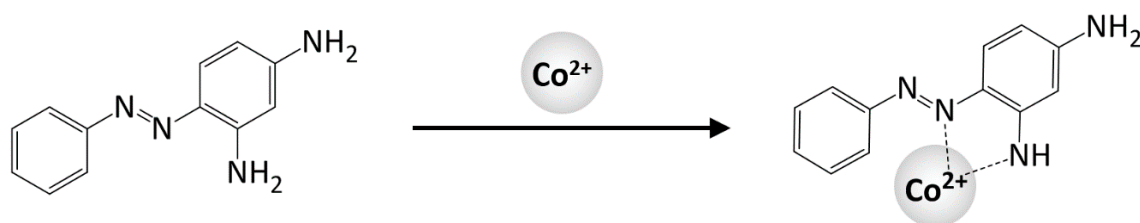


Figure S2. Proposed mechanism of CG chemosensor for sensing of Co^{2+} .

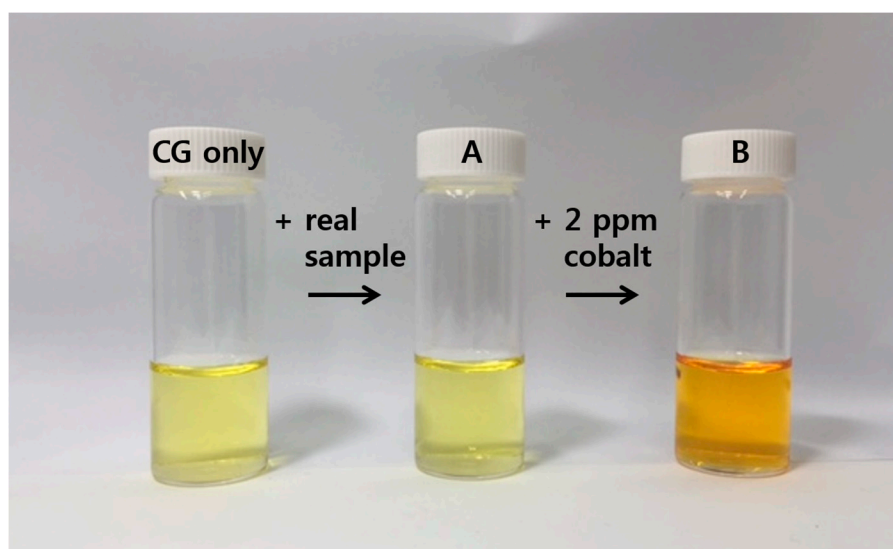


Figure S3. The simple and on-site colorimetric assay in real samples.