

Supporting Information

Fluorescent $\text{LaVO}_4:\text{Eu}^{3+}$ micro/nanocrystals: pH-tuned shape and phase evolution and the mechanism investigation of detecting Fe^{3+} ions

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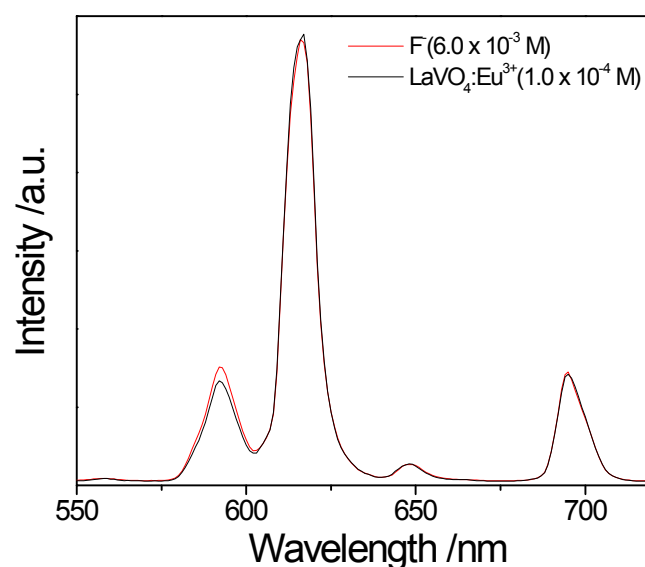


Figure S1. The PL spectra of 1.0×10^{-4} M $\text{LaVO}_4:\text{Eu}^{3+}$ solution before and after introducing 6.0×10^{-3} M F^- ions.

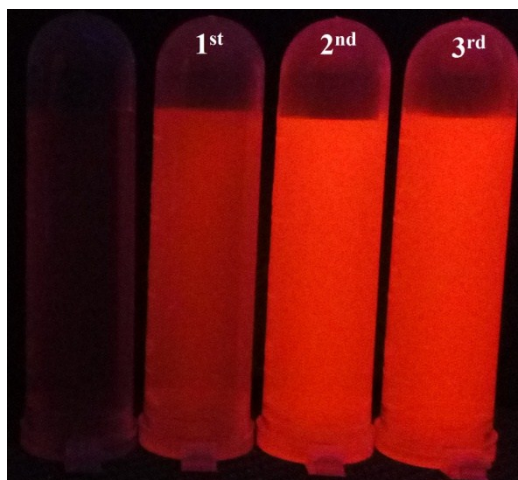


Figure S2. The photographs of the LaVO₄:Eu³⁺ solution before and after washing under irradiation of 254 nm light.