

Supplementary Material for:

Nontoxic Tb³⁺-induced Hyaluronic Nano-poached Eggs Aggregates for Colorimetric and Luminescent Detection of Fe³⁺ ions

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FTIR spectra of TbCl₃, acac, phen, hya, Tb(acac)₂phen and THNE are shown in Fig. S.1. Photographs of naked-eye-visible and 365 nm UV lamp illumination color changes of THNE (5.0 mM Tb³⁺) upon the addition of various metal ions (250 μM) are shown in Fig. S.2.

Fig. S.1. FTIR spectra of TbCl_3 , acac, phen, hya, $\text{Tb}(\text{acac})_2\text{phen}$ and THNE

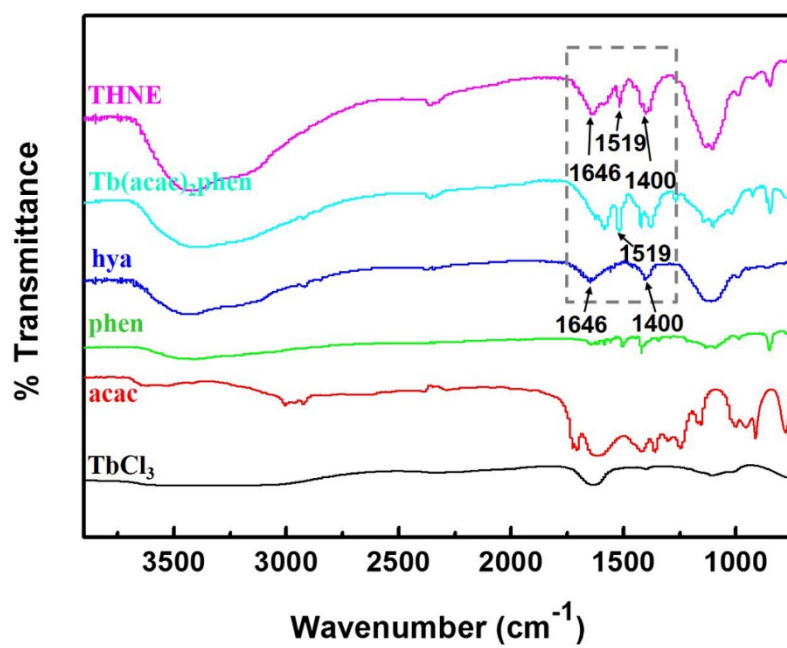


Fig. S.2. Photographs of naked-eye-visible and 365 nm UV lamp illumination color changes of THNE (5.0 mM Tb³⁺) upon the addition of various metal ions (250 μM) in ethanol-H₂O (3:1, v/v);

