

Figure S1 Emission (a) and excitation (b) spectra of $\text{LiBaBO}_3:\text{xEu}^{3+}$ ($x=0.03, 0.05, 0.07, 0.10$) (prepared in the air).

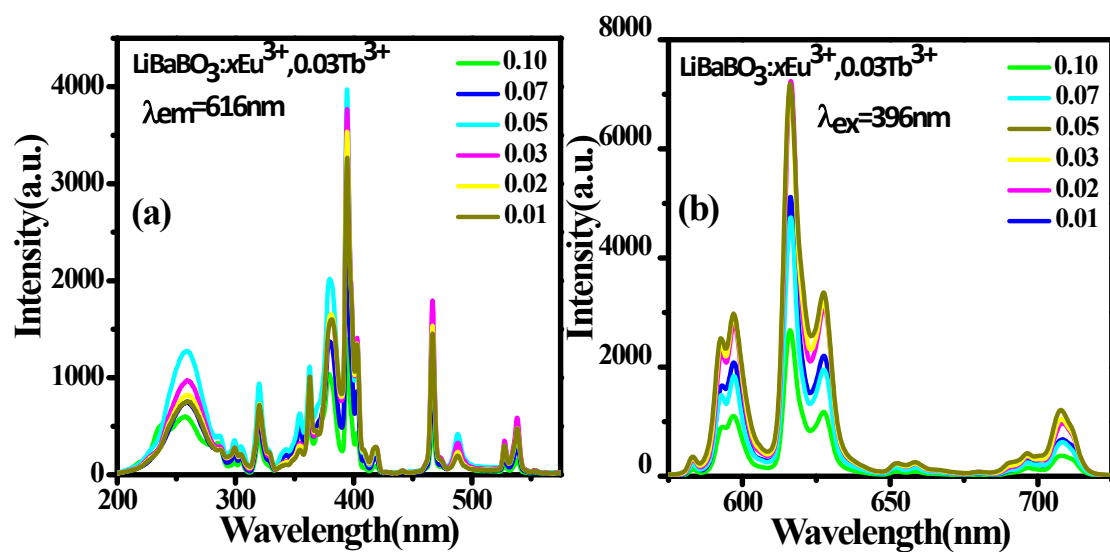


Figure S2 Excitation (a) and emission (b) spectra of $\text{LiBaBO}_3:\text{xEu}^{3+}, 0.03\text{Tb}^{3+}$ ($x=0.01, 0.02, 0.03, 0.05, 0.07, 0.10$) (prepared in the air).