Supporting Information

Spherical Submicron YAG:Ce Particles with Controllable Particle Outer Diameters and Crystallite Sizes and Their Photoluminescence Properties

Asep Bayu Dani Nandiyanto[1], *Yusuke Kitou*[2], *Tomoyuki Hirano*[2], *Risti Ragadhita*[1], *Phong Hoai Le*[2], *and Takashi Ogi*[2*]

[1]Departemen Kimia, Universitas Pendidikan Indonesia, Jl. Dr. Setiabudhi No. 229, Bandung 40154, Indonesia.

[2]Chemical Engineering Program, Graduate School of Advanced Science and Engineering, Hiroshima University, 1-4-1 Kagamiyama, Higashi-Hiroshima City, Hiroshima 739-8527, Japan.

*Corresponding Author: Takashi Ogi

E-mail: ogit@hiroshima-u.ac.jp

Tel/ Fax: +81-82-424-3765

Chemical Engineering Program, Graduate School of Advanced Science and Engineering, Hiroshima University, 1-4-1 Kagamiyama, Higashi-Hiroshima City, Hiroshima 739-8527, Japan.

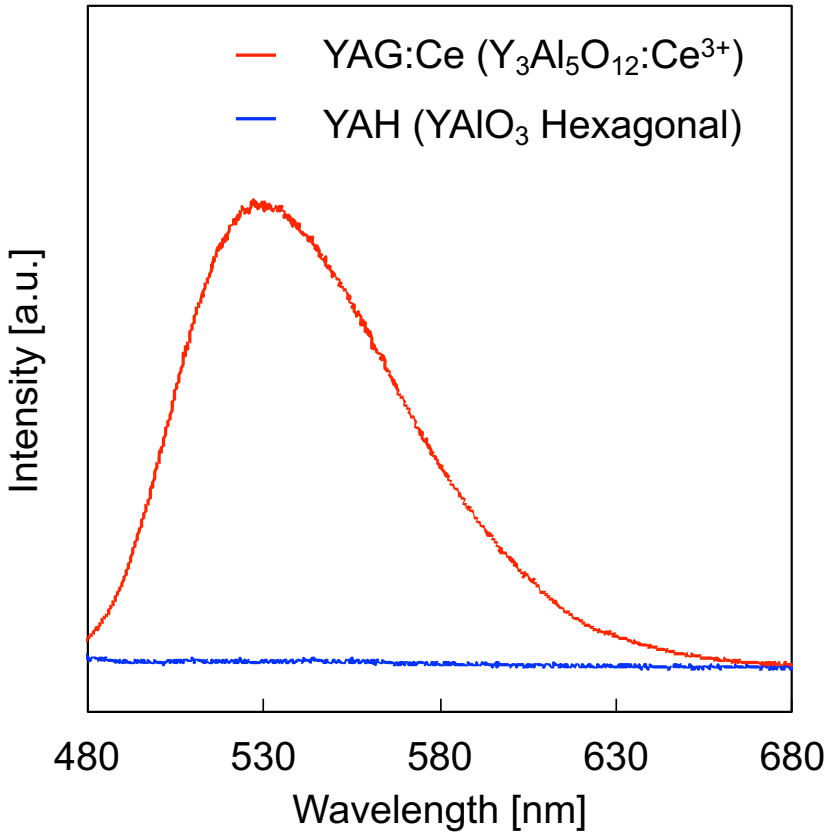

Figure SI-1. Comparison of PL intensities of YAG:Ce and YAH. YAG sample was done using 1.2 mol/L of precursor concentration.