Electronic Supplementary Information

Nafion-stabilized magnetic nanoparticles (Fe₃O₄) for [Ru(bpy)₃]²⁺ (bpy = bipyridine) electrogenerated chemiluminescence sensor

Dong-Jun Kim, Young-Ku Lyu, Han Nim Choi, In-Hong Min and Won-Yong Lee*
Department of Chemistry and Center for Bioactive Molecular Hybrids, Yonsei University, Seoul 120-749, Republic of Korea, Fax: 82-2-364-7050; Tel: 82-2-2123-2649; E-mail: wylee@yonsei.ac.kr

Figure S1. UV-visible absorption spectra of Nafion/Fe₃O₄ nanoparticles (1.0 mg/mL water and its successive 3-fold dilutions by water)

Figure S2. X-ray diffraction spectrum of Nafion/Fe₃O₄ nanoparticles.