Supporting Information for
Magnetic Bead Sensing Platform Based Chemiluminescence Resonance Energy Transfer and Its Immunoassay Application

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Figure S2. UV-visible absorption spectra of MBs (a), MBs-HRP-anti-IgG conjugates (b) and MBs-HRP-anti-IgG-FITC-IgG immune complex (c).
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Figure S4. Effects of H₂O₂ concentration on the luminescence intensity ratio. The concentration of luminol was 5.0×10⁻⁴ M; the concentration of HRP-anti-IgG was 5.0×10⁻¹⁰ M; the concentration of FITC-IgG was 5.0×10⁻¹¹ M; the concentration of human IgG was 2.5×10⁻⁹ M.
Figure S5. The correlation relationship of results for the determination of IgG in diluted human sera samples by ELISA (Y axis) and the proposed method (X axis) with a correlation coefficient of 0.9993. The regression equation is $Y=1.0213X+0.0879$. 