Supplementary Material

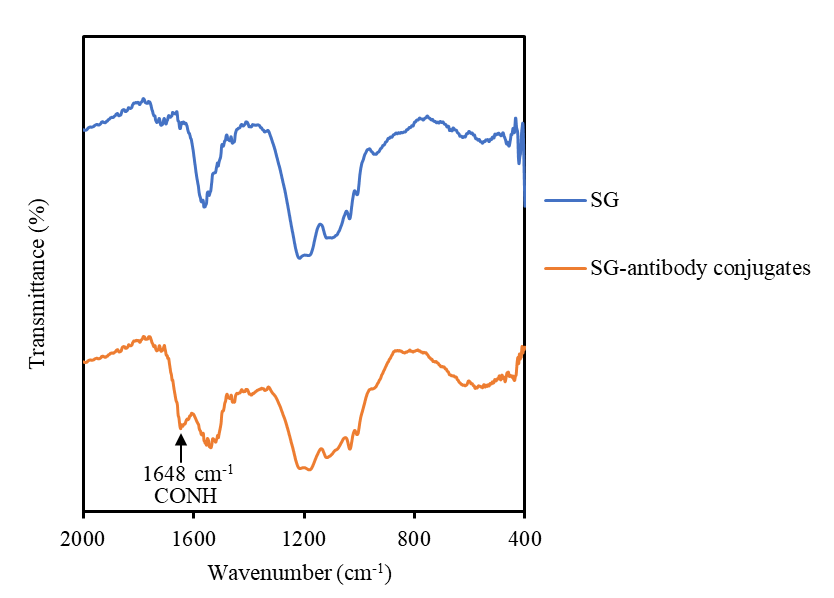
Inkjet Printing-based Immobilization Method for a Single-step and Homogeneous Competitive Immunoassay in Microchannel Arrays

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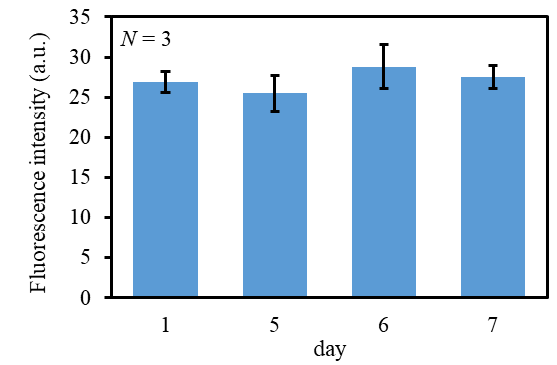
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**Figure S1.** FTIR transmittance spectra of SG and SG-antibody conjugates. Appropriate amount of SG or SG-antibody powder was sandwiched by two KBr disks to form KBr pellet by compression. Transmittance spectra were measured by FT/IR 4200 (JASCO, Tokyo, Japan).



**Figure S2.** Evaluation of the storage stability of the immunoassay microdevice at room temperature. Fluorescence responses were obtained by using CRP (50 μg mL−1) sample solutions.