Electronic Supplementary Information

Gold-nanopatterned single interleukin-6 sandwich immunoassay chips

with zeptomolar detection capability based on evanescent field-

enhanced fluorescence imaging

Seungah Lee, Seong Ho Kang^*

Department of Applied Chemistry, College of Applied Science, Kyung Hee University,

Yongin-si, Gyeonggi-do 446-701, Republic of Korea

*Corresponding author.

Tel.: +82 31 201 3349; fax: +82 31 201 2340. E-mail: shkang@khu.ac.kr (S.H. Kang).



Fig. S1 Control experimental data. (A) TIRF image of only gold nanopatterned chip (GNC) without sandwich immunoassay reaction and (B) sandwich fluorescence immunoassay without IL-6 antigen based on gold nanopatterned chip using TIRFM.