Supplementary Information

Design of A Simple Paper-based Colorimetric Biosensor
Using Polydiacetylene Liposomes for Neomycin Detection

Do Hyun Kang,‡a Keesung KmA,‡b, Younghwan Sonc, Pahn-Shick Change, Jinsang Kim*,ad
and Ho-Sup Jung*e

‡ These authors are equally contributed to this work.

aMaterials Science and Engineering, University of Michigan, 2300 Hayward St., Ann Arbor, MI 48109-2136, USA.
bResearch Institute of Advanced Materials, Collage of Engineering, Seoul National University, 028826, South Korea
cDepartment of Rural Systems Engineering and Research Institute for Agriculture & Life Sciences, Seoul National University, Seoul, 08826, South Korea
dMacromolecular Science and Engineering, Chemical Engineering, Biomedical Engineering, Chemistry, and Biointerface institute, University of Michigan, Ann Arbor, MI 48109-2136, USA.
eCenter for Food and Bioconvergence, Department of Food Science and Biotechnology, Seoul National University. Seoul, 08826, South Korea

CORRESPONDING AUTHOR EMAIL ADDRESS:
jinsang@umich.edu and jhs@snu.ac.kr
**Figure S1.** Camera image of PDA liposomes immobilized onto paper substrate with 5 wt% of PVA and Glycerol after 30 days of storage at 5 °C (Paper Size: 1 cm x 1 cm).