

A simple self-assembly aptasensor for ultrasensitive detection of kanamycin based on carbon dots and Ti_3C_2 MXene nanocomposite

Fang Li^{a*}, Shuyue Xiong^b, Yijun Tan^b, Mingming Luo^b, Zijian Wu^{b*}

^aSchool of Information Engineering, Tianjin University of Commerce, Tianjin, China.

^bTianjin Key Laboratory of Food Biotechnology, College of Biotechnology and Food Science, Tianjin University of Commerce, Tianjin, China.

*Corresponding author: Fang Li and Zijian Wu

E-mail address: lifang_6952@163.com; Tel.: +86-15522412909

wzjian@tjcu.edu.cn; Tel.: +86-18622219597

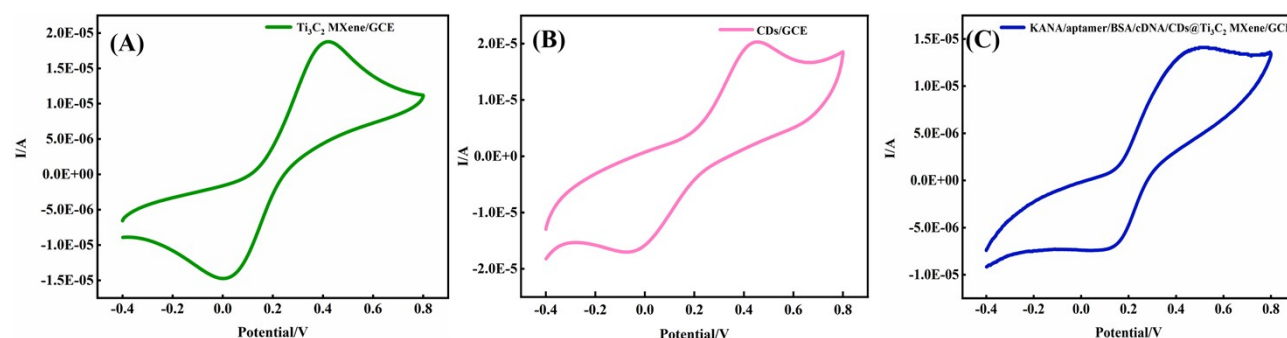


Fig. S1. CV curves of (A) Ti_3C_2 MXene/GCE, (B) CDs and (C) KANA/aptamer/BSA/cDNA/CDs@ Ti_3C_2 MXene/GCE.