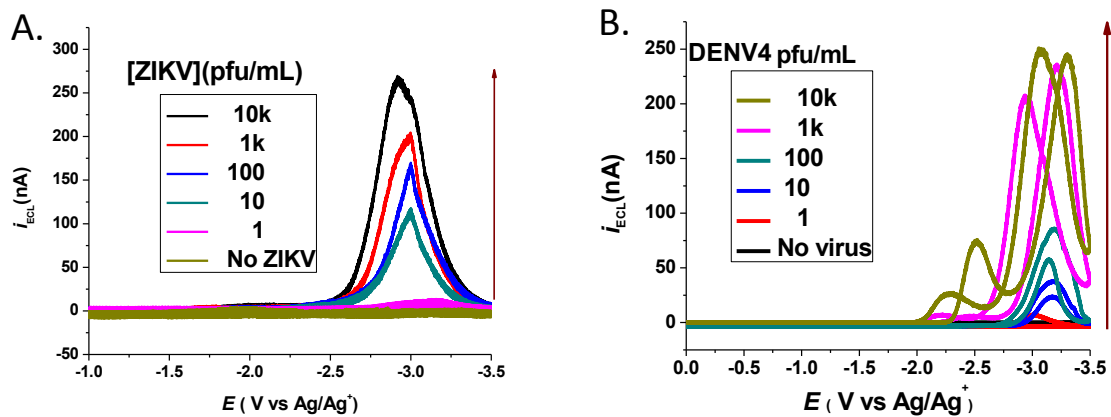


An ultrasensitive electrogenerated chemiluminescence-based immunoassay for specific detection of Zika virus

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Fig. S1



Supplemental figure legend:

Figure S1. ECL-based method has wide applications in detection of viruses. ECL label loaded PSBs and MBs were conjugated with a flavivirus cross-reactive mAb (4G2) that detects most flaviviruses. Samples containing different amounts (0-10⁴ PFU) of ZIKV or DENV in PBS containing 2% BSA were allowed to form PSB<ZIKV>MB aggregates by reacting with anti-4G2-PSB(RUB) and anti-4G2-MB. ECL-response from PSB-ZIKA-MB (A) and PSB-DENV4-MB (B) aggregates obtained from samples containing different concentrations of respective viruses. All the experiments were performed in duplicates and repeated at least one time.