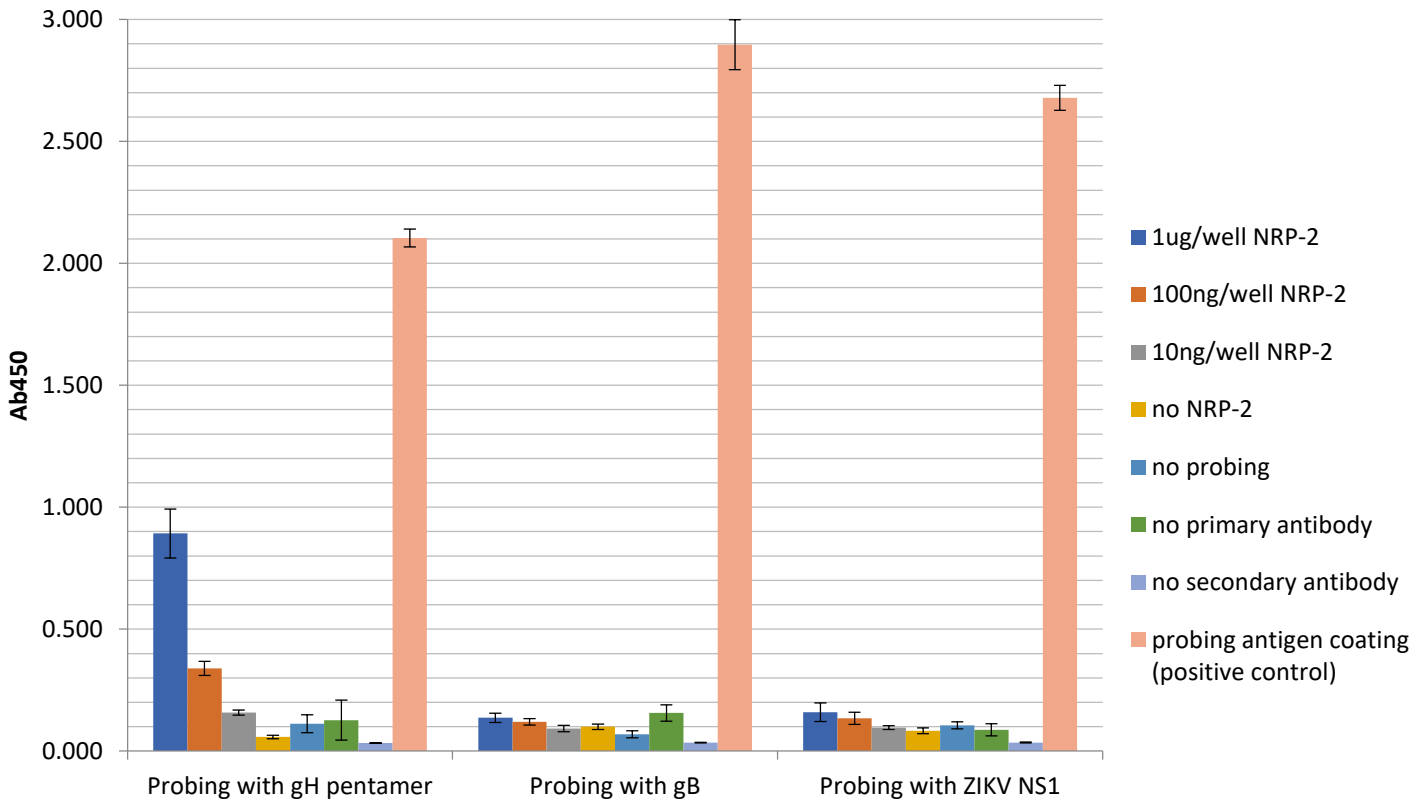

Neuropilin-2 (NRP-2) and gH pentamer binding studies (ELISA)

- **Plate:** Maxisorp
- **Coating:** Plate was coated with 1ug, 100ng, 10ng or 1ng of NRP-2 (REC31676) for 1h at 800rpm at room temperature in Coating Buffer
- **Blocking:** Plate was blocked with 200ul per well of Blocking Buffer for 1h at 800rpm at room temperature
- **Probing:** Plate was probed with 500ug per well of NRP-2, gH pentamer (CMV-PENT) or gB huFc-tag (REC31613) in Dilution Buffer for 2h at room temperature at 800rpm
- **Primary antibodies:** sheep anti-gH pentamer serum was used at 1:2,000, mouse anti-His-tag antibody was used at 1:1,200 (for ZIKV-NS1). No primary antibody was used for gB
- **Secondary antibodies:** STAR88P was used as secondary for gH pentamer at 1:2,000; STAR147P was used for REC31613 detection via Fc-tag at 1:2,000, Biorad 105300 was used to detect ZIKV-NS1 at 1:2,000. All secondary incubations were done for 45 min. at 800rpm at room temperature in Dilution Buffer
- **Detection:** TMB Membrane substrate (KPL) was used for 40 min. 1M HCl was used to stop the reaction
  - Coating Buffer: 200mM $NaCO_3$ pH9.6
  - Blocking Buffer: 2% BSA in Coating Buffer
  - Dilution Buffer: 2% BSA in PBS-T