Zika Virus NS1 ELISA
Quickstart

PREP
1. Dilute the 25x wash buffer 1 in 25 with purified lab grade water to make 1x wash buffer
2. Reconstitute standards in BLUE zero standard as indicated on label and mix well
3. Dilute all samples to be tested a minimum of 1 in 10 in BLUE zero standard (do not dilute the kit standards)

ASSAY
4. Add 100μl of all standards (incl zero standard), samples and any controls to the wells in duplicate
5. Cover plate with self-adhesive sealing film and incubate with shaking for 2 hours at room temperature
6. Aspirate the wells, wash 3 times with 300μl of 1x wash buffer
7. Add 100μl PINK Antibody-Biotin reagent to each well, cover plate and incubate with shaking for 1 hour at room temperature
8. Aspirate and wash the plate as in step 3
9. Add 100μl streptavidin-HRP reagent to each well, cover plate and incubate with shaking for 30 minutes at room temperature
10. Aspirate and wash the plate as in step 3, but perform 6 washes
11. Add 100μl of TMB substrate to each well, cover plate with a new sealing film and incubate with shaking for 15 minutes at room temperature
12. Add 100μl of stop solution to each well. Read the plate at 450nm, reference at 620nm (605nm-650nm) within 15min of stopping. Use the zero standard as the blank.