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.