**Table S1.** Arbovirus screening assays including PCR primer/probes sequences and cycling conditions.

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| --- | --- | --- | --- |
| **Pathogen** | **Primer and probe sequences** | **Cycling conditions** | **Reference** |
| DENV | 5′-TTGAGTAAACYRTGCTGCCTGTAGCTC-35′-GAGACAGCAGGATCTCTGGTCTYTC-3′ | 95°C for 10 min50 cycles: 95°C for 10 sec, 60°C for 10 sec, 72°C for 10 sec | [1] |
| ZIKV | 5’- CCGCTGCCCAACACAAG -3’5’- CCACTAACGTTCTTTTGCAGACAT -3’5’-FAM-AGCCTACCTTGACAAGCAGTCAGACACTCAA-TAMRA3’ | 95°C for 10 min45 cycles: 95°C for 10 sec, 52°C for 30 sec | [2] |
| CHIKV | 5’- CTCATA CCGCATCCGCATCAG-3’5’- ACATTGGCCCCACAAT GAATTTG-3’ | 95°C for 10 min40 cycles: 95°C for 10 sec, 56°C for 10 sec, 72°C for 15 sec | [3] |
| WNV | 5’-CCTGTGTGAGCTGACAAACTTAGT-3’5’-GCGTTTTAGCATATTGACAGCC-3’5’-6FAM-CCTGGTTTCTTAGACATCGAGATCT-[TAMRA]-3’ | 95°C for 15 min45 cycles: 94°C for 15 sec, 60°C for 60 sec | [4] |
| YFV | 5’- AATCGAGTTGCTAGGCAATAAACAC-3’5’- TCCCTGAGCTTTACGACCAGA-3’ | 95°C for 10 min 40 cycles: 95°C for 10 sec, 58°C for 10 sec, 72°C for 10 sec | [5] |
| RVFV | 5’-CTAGCCGTTTCACAAACTGGG-3’5’-GACTGARGAYTCTGAATTGCACC-3’ | 95°C for 10 min 45 cycles: 95°C for 10 sec, 60°C for 10 sec, 72°C for 20 sec | [6] |

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