**Supporting Table S2:** Performance of the CDC DENV-1-4 Real Time RT-PCR assay using different viral RNA extraction methods.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RNA Extraction Method** | **Automation** | **Lowest Virus Titer of Detection** | | | |
| **DENV-1** | **DENV-2** | **DENV-3** | **DENV-4** |
| Qiagen QIAamp DSP Viral RNA Mini Kit and (61904 and 9001292) | Manual or in Qiagen QIAcube Instrument (9001292) | 3.1 x 103 | 3.2x103 | 3.2X103 | 8.9x102 |
| Qiagen QIAamp Viral RNA Kit (52904 and 52906) | Manual or in Qiagen QIAcube Instrument (9001292) | 3.2 x 103 | 9.8x102 | 3.3X103 | 3.1x103 |
| Roche MagNA Pure LC total Nucleic Acid Isolation Kit (03 038 505 001) | MagNA Pure LC 2.0 instrument (05 197 686 001) | 2.6 x 103 | 1.2x103 | 2.2X103 | 2.3x103 |
| QIAamp Virus BioRobot MDx Kit (965652) | BioRobot Universal System (9001094) | 2.5 x 103 | 2.4x103 | 8.1X102 | 1.1x103 |
| MagAttract Virus Mini M48 Kit (955336) | BioRobot M48 System (9000708) | 9.1 x 103 | 2.8x103 | 1.9X103 | 2.3x103 |

\*titers in GCE/mL